1970 (ENSUS OF HOUSING

Metropolitan Housing Characteristics

FALL RIVER, MASS.-R.I. STANDARD METROPOLITAN STATISTICAL AREA

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TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Seles price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit Duration of vacancy	1, 11*, 19† —	2, 12*, 20† –	3, 13*, 21†	_ g1	9	6, 16*, 24† 9	-	1	_ _	_ 9
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Number of bedrooms Persons per room	1, 11*, 19† 1, 11*, 19† 1, 11* 1, 11*	2, 12*, 20† 2, 12*, 20† 2, 12* 2, 12*	3, 13*, 21† 3, 13*, 21† 3, 13* 4, 14*, 22†	5, 15*, 23† 4, 14*, 22† —	5, 15*, 23† 5, 15* 5, 15* 5, 15*, 23†	6, 16*, 24† 8, 18*, 26† 6, 16* 6, 16*, 24†	8, 18*, 26† - 7, 17*, 25†	5, 15*, 23† 8, 18* 4, 14*, 22†	9 - 9 -	- - 10 -
PLUMBING CHARACTERISTICS Plumbing facilities Plumbing facilities by persons per room Complete bathrooms		2, 12*, 20† 2, 12*, 20†	4, 14*, 22†	-	5, 15*, 23† 5, 15*, 23†	6, 16*, 24† –	7, 17*, 25† –	_ 4, 14*, 22† 8, 18*, 26†	9	10 -
STRUCTURAL CHARACTERISTICS Units in structure Year structure built Elevator in structure	1, 11*, 19† —	6, 16*, 24† 2, 12*, 20† 2, 12*	6, 16*, 24† 3, 13*, 21†	6, 16*, 24† 4, 14*, 22†	6, 16*, 24† 5, 15*, 23†	6, 16*, 24† —	7, 17*, 25† - -	8, 18*, 26† 8, 18*, 26† —	9 9 -	10 10 -
EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer	1, 11*, 19† 1, 11*, 19† - - - - - -	2, 12*, 20† 	3, 13*, 21† 3, 13*, 21† 3, 13*, 3, 13* 3, 13* 3, 13* 3, 13*	4, 14*, 22† - - - - - - -	-	6, 16*, 24† 6, 16*, 24† 6, 16*, 24† - - -	-	-	9	
FINANCIAL CHARACTERISTICS Value-income ratio Gross rent Gross rent as percentage of income Gross rent as percentage of income by income Sales price asked Rent asked Inclusion of utilities in rent	-	2, 12*, 20t	1, 11*, 19† 2, 12*, 20† 3, 13*, 21† 	1, 11*, 19† 4, 14*, 22† 2, 12*, 20† 4, 14*, 22†	1, 11*, 19† 5, 15*, 23† 2, 12*, 20† 5, 15*, 23†	- 6, 16*, 24† - - - 10	1, 11*, 19† 7, 17*, 25† 7, 17*, 25† 7, 17*, 25†	1, 11*, 19† 8, 18*, 26† 2, 12*, 20† 8, 18*, 26†	- - - 9 9	- - - - - 10
HOUSEHOLD CHARACTERISTICS Household composition by age of head Income in 1969	1, 11*, 19†	7, 17*, 25† 2, 12*, 20†	7, 17*, 25† –	7, 17*, 25† 4, 14*, 22†	- 3, 13*, 21†	7, 17*, 25† 6, 16*, 24†	_ 7, 17*, 25†	8, 18*, 26† 3, 13*, 21†	-	

¹Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.-The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).-Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal partsone-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000-." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

INTRODUCTION—Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Fall River, Mass.-R.I. STANDARD METROPOLITAN STATISTICAL AREA

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MAP

Counties, Standard Metropolitan Statistical Areas, and Selected Places

ΧI

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[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

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12 Gross Rent of Renter Occupied Housing Units With

14 Plumbing Facilities by Persons per Room for Owner

Income in 1969 of Families and Primary Individuals

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and Renter Occupied Housing Units With Negro

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Negro Head of Household: 1970

Head of Household: 1970

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DESCRIPTION OF SMSA

The Fall River, Mass.-R.I. Standard Metropolitan Statistical Area comprises the following:

Bristol County, Mass. (part)
Fall River city
Somerset town
Swansea town
Westport town

Newport County, R.I. (part)
Tiverton town

Counties, Standard Metropolitan Statistical Areas, and Selected Places

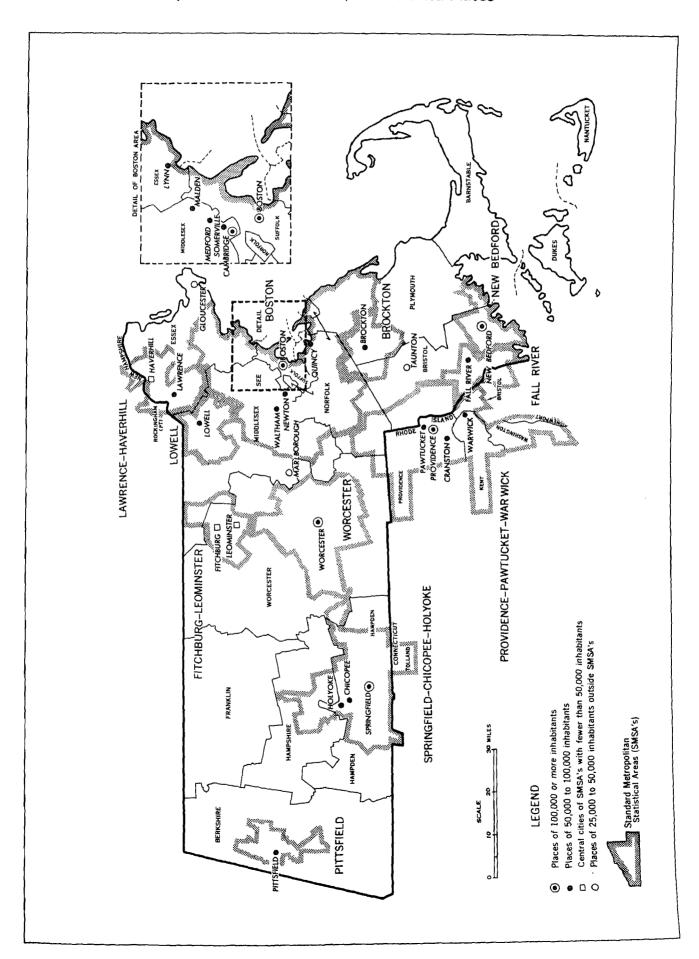


Table A-1. Value of Owner Occupied Housing Units: 1970

	[Data pasea c	in sumple, see	lexi. For min	imum base to:	r derived figure	es (percent, r	median, etc.) o	ina meaning o	t symbols, see	e rextj		
The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	to		to	to to	0	r Medic
Specified owner occupied ¹	16 658	232	415	873	1 544	1 847	5 011	3 495	2 337	659	245	18 40
ROOMS 1 and 2 rooms	24 232 1 932 4 981 4 842 2 429 2 218 5.7	11 46 49 31 50 30 15 4.8	30 67 108 114 48 48 5.5	5 35 137 287 205 111 93 5.4	27 302 390 421 134 270 5.6	15 401 509 527 246 149 5.5	8 38 709 1 756 1 369 583 548 5.5	26 180 1 348 1 124 487 330 5.7	9 77 465 819 550 417 6.3	10 75 186 192 196 6.8		10 · 500 15 100 18 400 19 100 20 600 19 900
PERSONS 1 persons 2 persons 3 persons 4 persons 5 persons 6 persons Medion Units with roomers, boorders, or lodgers	1 333 4 955 3 123 3 048 2 027 2 172 3.2	79 66 19 20 11 37 2.1	75 184 34 33 36 53 2.2	134 317 158 113 51 100 2.5	165 524 263 232 186 174 2.8	210 679 287 282 175 214 2.6	390 1 596 1 006 843 572 604 3.0	165 842 697 833 488 470 3.6	73 489 483 526 385 381 3.7	42 178 125 124 96 94 3.4	80 51 42 27 45 3.3	15 000 17 100 19 000 20 000 19 800 19 200
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Latking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	16 298 8 062 7 265 906 65 360 255 75 25	165 102 41 22 67 47	354 239 100 15 - 61 40 21	831 485 290 51 5 42 37	1 489 837 559 87 6 55 32 23	1 817 993 711 108 5 30 25	4 946 2 465 2 153 303 25 65 43 22	3 469 1 455 1 810 195 9 26 21 5	2 323 970 1 242 102 9 14 10 4	659 356 279 18 6 - -	245 160 80 5 - - -	18 500 17 700 19 500 17 700 10 500 10 300
BEDROOMS None and 1 2 3 4 or more	784 4 541 8 875 3 186	86 39 81 68	40 99 157 94	59 333 332 219	133 518 640 324	113 617 679 337	200 1 663 2 700 707	78 891 2 417 523	75 306 1 359 710	75 399 86	- 111 118	14 100 17 200 19 700 19 000
YEAR STRUCTURE BUILT 1989 to March 1970 1985 to 1988 1986 to 1984 1950 to 1959 1940 to 1949 1939 or eorlier	489 1 874 1 891 4 332 1 951 6 121	5 10 5 31 32 149	5 16 35 37 322	- 24 97 52 700	5 25 57 241 212 1 004	17 48 57 446 307 972	37 326 572 1 640 697 1 739	95 663 595 1 054 367 721	244 623 433 576 163 298	71 145 94 143 69 137	15 29 38 69 15	28 500 23 900 21 800 19 100 17 300 14 800
COMPLETE BATHROOMS 1 and 1 1/2	14 510 1 407 156 453	184 - 70	330 21 83	754 - - 47	1 338 92 - 102	1 752 83 7 42	4 603 278 28 75	3 061 302 14 21	2 018 247 14 13	432 232 53 -	38 152 40	18 100 23 800 39 200 10 600
HOUSEHOLD COMPOSITION Two-or-more-person households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years ond over Female head Under 65 years 65 years ond over Other male head Under 65 years 65 years and over Ont-person households Under 65 years 65 years and over S5 years and over	15 325 13 512 148 2 135 3 380 6 358 1 491 598 432 166 1 215 847 368 1 333 684 649	153 118 20 15 44 39 20 11 9 15 4 11 79 39 40	340 264 4 10 56 123 71 30 15 15 46 38 8 8 75 40	739 556 11 40 95 300 110 33 15 18 150 81 69 134 78	1 379 1 065 - 120 154 613 178 123 89 34 191 133 58 165 69	1 637 1 422 14 101 347 719 241 72 61 11 143 113 30 210 127 83	4 621 4 074 35 639 901 2 093 406 199 1 49 50 348 253 390 1 72 2 18	3 330 3 080 79 514 829 1 405 253 49 10 201 147 54 165 79 86	2 264 2 130 5 579 703 135 58 39 19 76 60 16 73 49	617 576 97 208 244 27 8 8 - 33 112 21 42 31	245 227 15 67 114 31 6 6 - 12 6 6	18 700 19 100 20 600 21 300 20 700 18 100 16 100 15 500 15 700 14 100 15 800 15 000 15 400 15 000 14 800 15 300
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$6,999 \$7,000 to \$9,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 ar more	826 560 515 562 770 817 3 901 5 295 2 741 671 \$10 400	69 19 19 15 10 37 38 10 6 \$5 000	61 56 16 21 35 43 120 47 16	87 45 52 54 80 206 185 83 -	106 69 74 68 121 143 427 313 193 30 \$8 300	111 79 109 93 128 122 518 514 146 27 \$8 600	202 164 131 191 223 267 1 201 1 829 682 121 \$10 300	97 83 78 80 94 103 797 1 296 758 109 \$11 600	53 30 27 24 52 35 499 904 564 149 \$12 500	35 9 9 17 21 5 73 156 204 130 \$15 200	5 6 -5 9 23 13 13 85 99 \$22 200	14 500 15 300 14 700 16 000 15 100 15 200 17 600 19 300 21 600 27 900
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959 1949 or earlier	1 345 1 045 896 1 831 2 993 5 529 2 887	34 7 14 7 25 51	7 13 55 152 207	14 29 32 79 321 321	57 49 38 127 256 519 486	77 44 69 212 398 644 440	294 245 297 469 881 2 039 757	251 273 261 544 660 1 093 316	455 288 155 283 500 471 140	154 76 41 127 93 177 49	7 27 21 17 46 62 50	23 900 22 600 20 600 20 500 18 700 17 600 14 300
HEATING EQUIPMENT Steom or hot water— Warm-air furnace— Built-in electric units Floor, wall, or pipeless furnace Other means Nane————————————————————————————————————	11 445 3 035 521 456 1 201	69 47 - 6 110	153 65 6 23 168	463 137 16 44 213	973 250 36 82 203	1 268 316 16 119 128	3 725 793 118 107 268	2 570 733 108 38 46	1 548 551 159 25 54	523 78 35 12	153 65 27	18 700 19 500 23 200 14 000 11 300
AIR CONDITIONING Roam unit(s) Central system None	1 434 176 14 916	- - 254	33	27 774	82 1 450	102 13 1 769	538 38 4 408	303 33 3 062	236 18 2 038	88 47 582	25 27 178	19 400 27 200 18 200

*Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]													
The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	25 120	1 913	1 751	2 894	3 789	7 628	3 796	1 839	564	179	38	729	84
rooms	501 799 4 329 7 595 7 388 3 474 749 285 4.4	260 252 570 650 147 10 16 8 3.3	73 120 556 553 344 82 23 -	51 152 704 1 088 706 151 38 4	15 94 793 1 234 1 136 439 69 9	77 95 968 2 382 2 807 1 153 127 19	4 37 405 946 1 299 918 140 47 4.9	5 16 212 451 592 379 157 27 4.9	- 39 126 129 176 65 29 5.4	28 32 56 42 21 6.0	4 - - 6 5 5 18	12 33 82 137 190 105 67 103 5.0	50 —
PERSONS 1 person	6 679 7 355 4 589 3 134 1 747 1 616 2.3	1 161 515 143 65 9 20 1.3	824 410 209 107 73 128 1.6	1 151 993 352 257 96 45 1.8	939 1 250 737 453 229 181 2.3	1 398 2 334 1 649 1 131 579 537 2.5	571 921 799 666 452 387 3.0	260 526 435 240 158 220 2.8	74 148 121 91 70 60 3.0	23 26 37 52 24 17 3.6	- 4 16 9 9	278 232 103 56 48 12 1.9	71 83 89 91 95 96
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	23 821 12 306 9 807 1 349 359 1 299 597 611 77	1 528 1 050 455 23 - 385 143 242 - -	1 528 853 541 98 36 223 131 86 6	2 709 1 768 852 84 5 185 93 87	3 639 1 972 1 413 185 69 150 84 57 9	7 440 3 498 3 336 493 113 188 94 64 25	3 716 1 511 1 834 316 55 80 15 38 27	1 806 815 830 99 62 33 11 12 5	560 242 265 40 13 4 4	174 75 99 - - 5 5	34 9 25 - 4 - - 4	687 513 157 11 6 42 17 25	85 81 89 91 91 61 62 56
BEDROOMS None	380 4 905 12 301 7 905	160 817 922 89	18 543 875 350	55 573 1 417 523	18 691 2 096 1 141	97 1 157 3 706 2 567	518 1 657 1 765	348 960 798	76 237 220	- 67 139	32 - 52	- 182 364 261	76 83 94
YEAR STRUCTURE BUILT 1969 to March 1970	211 776 270 1 306 1 729 20 828	67 179 43 93 254 1 277	25 137 17 140 192 1 240	16 130 14 109 138 2 487	19 6 18 127 144 3 475	15, 38, 37, 313, 384, 6, 841	16 51 15 172 257 3 285	83 47 158 233 1 318	28 102 30 54 49 301	19 31 10 46 12 61	9 5 - 24	6 10 39 89 66 519	67 65 94 87 85 85
ELEVATOR IN STRUCTURE 4 floors or more With elevator Walk-up 1 to 3 floors	281 483	227 172 55 1 761	81 23 58 1 705	76 15 61 2 492	87 43 44 3 859	200 200 7 327	78 28 50 3 862	2 106	15 15 518	206	- - 84	807	70 82 86
COMPLETE BATHROOMS 1 and 1 1/2 2 or mare	. 332	-	1 385 322	2 753 315	3 399 14 248	7 300 53 293	3 630 42 170	1 665 54 63	531 24 14	190	9 18 -	533 127 53	85 117 64
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,979 \$3,000 to \$3,979 \$4,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or o \$24,999 \$25,000 or more	2 525 2 169 1 846 1 955 1 977 5 325 - 4 058 876 - 140	476 168 96 69 76 97 82 5	595 273 192 154 81 81 207 128 40 -	5	571 346 356 346 326 286 879 540 136 3	734 553 659 521 698 698 1 975 1 505 275 14 \$6 900	316 244 230 273 301 355 1 014 817 207 39 \$7 500	103 129 144 139 169 514 336 111	45 38 34 47 51 18 107 158 35 31	13 5 10 12 - 13 52 65 5 4 \$9 100		226 53 86 43 42 64 72 121 17 5	68 72 81 83 86 88 91 92 93
YEAR MOVED INTO UNIT 1969 to March 1970	2 759 2 297 3 443 3 756 4 183	199 259 217 284 2 256	272 217 106 203 368 300 241	436 275 257 446 436 587 631		1 584 890 808 1 059 1 181 1 262 862	1 140 511 341 485 562 509 294	185 165 265 173 227	304 63 35 65 52 27 23	74 58 7 31 7 13	6 9 - 12 - -	65 56 55 42 58 217 220	86 86 84 82 81
GROSS RENT AS PERCENTAGE OF INCOME Less than 10 percent 10 to 14 percent 20 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	5 600 3 850 2 700 2 940 5 110	2 208 179 3 331 3 402 452		328 252 382 761	960 504 341 340 716	721 719 1 266	1 063 711 517 476 641	314 424 7 252 5 284 1 460	36 53 104 100 63 197	24 66 75	-	729	90 87 83 82
AIR CONDITIONING Room unit(s) Central system None	3	8 -	56 - 1 651	. 6		. 6	20	- 5	40 _ 529	_	-		-

'Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]												
The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	23 637	1 600	1 010	889	910	1 232	1 240	5 443	7 116	3 398	799	9 700
ROOMS 1 and 2 raams 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms or more	71 483 3 114 7 577 6 810 5 582	17 132 319 509 342 281	45 233 284 291 157	5. 72 207 213 291 101	37 176 322 231 144	6 40 224 468 290 204	23 186 476 279 276	34 72 868 1 873 1 600 996	43 676 2 433 2 231 1 733	3 19 215 881 1 114 1 166	10 118 141 524	3 900 7 700 9 400 10 200 11 800
1 person	2 411 7 107 8 569 2 692 2 858 170	999 385 124 45 47 24	327 550 99 24 10 24	207 495 136 30 21	154 515 184 29 28	196 498 356 80 102 20	129 423 399 151 138 5	271 1 604 2 194 698 676 40	102 1 784 3 177 1 039 1 014	20 606 1 581 503 698	6 247 319 93 134	2 600 8 300 11 200 11 400 12 000 5 600
BEDROOMS Less thon 3 3 4 or more	8 494 11 797 3 749	792 557 182	570 412 125	592 359 94	524 319 106	684 555 119	574 629 213	1 794 2 650 825	2 151 4 152 1 081	651 1 805 770	162 359 234	7 900 10 500 11 000
YEAR STRUCTURE BUILT 1969 to Morch 1970 1960 to 1968 1950 to 1959 1949 or eorlier	519 4 111 4 643 14 364	10 131 156 1 303	22 59 155 774	5 62 180 642	19 75 151 665	27 151 219 835	4 145 189 902	113 1 124 1 003 3 203	193 1 552 1 534 3 837	116 688 865 1 729	10 124 191 474	11 500 11 000 10 900 8 900
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1959 or earlier	1 744 1 421 7 563 12 840	90 37 324 1 226	101 13 173 707	34 16 168 588	41 19 147 679	90 77 284 718	42 78 341 712	461 476 2 090 2 472	554 495 2 727 3 373	267 203 1 040 1 897	44 7 269 468	10 100 10 000 10 500 9 200
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwosher Home food freezer Owned secand home With air conditioning Room until(s) Central system Automobiles available:	17 022 11 337 3 535 3 966 1 091 2 301 2 090 211	560 415 168 239 10 43 29 14	468 230 69 121 13 86 77	477 143 75 88 17 47 40 7	510 275 61 83 23 24 24	910 555 111 189 67 92 74 18	1 001 416 57 169 104 85 66 19	4 031 2 461 535, 768 249 465, 452 13	5 734 4 250 1 161 1 279 277 721 692 29	2 681 2 057 936 873 232 485 450 35	650 535 362 157 99 253 186 67	10 500 11 400 13 000 11 300 11 100 12 100 12 000 14 400
1 2	11 033 9 001 1 525	712 200 6	599 102 -	481 69 24	549 141 11	752 259 31	722 333 23	1 884 220	3 674 437	1 903 571	436 202	12 100 15 200
Renter occupied housing units ROOMS	25 272	4 262	2 537	2 174	1 864	1 963	1 982	5 378	4 088	880	144	5 900
1 room	501 804 4 334 7 633 7 424 4 576	159 327 1 338 1 376 780 282	91 133 785 879 483 166	67 123 396 757 538 293	25 58 375 568 544 294	35 55 333 635 553 352	46 36 217 683 628 372	45 51 564 1 525 2 013 1 180	33 16 252 944 1 560 1 283	5 48 225 298 304	26 41 27 50	3 000 2 600 3 100 5 400 7 300 8 300
PERSONS 1 person.	6 705 7 378 7 776 1 771 1 642 157	2 924 780 409 84 65	1 202 937 270 67 61	843 685 461 118 67	537 621 453 110 143	363 761 595 102 142 22	281 678 739 158 126	367 1 684 2 335 517 475 22	137 1 049 2 090 453 359	36 157 369 133 185	15 26 55 29 19	2 400 5 900 8 200 8 400 8 400 3 900
BEDROOMS None	380 4 905 12 348 7 998	37 1 373 1 608 628	54 745 1 568 306	140 683 1 086 629	36 435 842 522	40 356 1 116 522	32 299 731 734	41 608 2 867 2 206	298 2 029 1 829	63 417 581	45 84 41	3 500 6 000 7 900
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 ar earlier	211 1 066 1 310 22 685	41 345 231 3 645	39 168 104 2 226	≱15 81 162 1 916	25 64 78 1 697	20 60 114 1 769	59 111 1 812	48 106 287 4 937	23 126 162 3 777	27 50 803	30 11 103	4 400 3 200 5 700 6 000
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1969 or earlier	5 562 2 776 9 560 7 344	866 447 1 872 1 402	537 332 936 718	484 164 638 631	516 199 673 490	538 254 599 554	586 248 758 487	1 113 610 2 168 1 305	781 432 1 561 1 362	101 61 326 355	40 29 29 40	5 700 6 000 6 100 5 800
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied* Less Ihon 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent ormore Not computed	3 852 2 708 2 943 5 113	4 249 - 50 321 3 182 696	2 525 87 365 738 1 282 53	2 169 76 220 451 933 403 86	1 846 146 431 588 496 142 43	44	90	5 325 3 517 1 369 258 73 36 72	4 058 3 656 179 55 36 11 121	876 850 9 - - - 17	140 130 5 - - - 5	5 900 10 000 6 500 4 800 3 400 2000 – 2000 –
SELECTED CHARACTERISTICS Automotic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s)	2 847 473 883 600 1 249 1 211	501 257 58 107 37 111	485 186 20 64 41 41 35,	756 152 15 15 9 - 65 65	423 63 45 22 73 52 52	190 23 46 43 125	126 23 128 128	2 558 891 75 253 83 388 375	1 980 732 181 190 239 217 212	491 126 56 66 61 85 85	61 19 - - 37 37	8 000 8 200 10 000 7 800 10 000 7 800 7 800
Central system Automobiles available: 1	12 770		774 35	831 63 15	1 024 81 16	1 268	1 353	3 773 681 39	2 310 1 350 170	369 310 75	69 58 11	7 100 10 800 12 000

Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

		sample, see text.		l plumbing facil		Jenn, median, e	area, and meaning		or all plumbing (acilities	
The SMSA	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	23 637	23 082	11 610	10 040	1 302	130	555	417	99	30	-
PERSONS 1 persons 2 persons 3 persons 4 persons 5 persons 6 persons or more Median Units with roomers, boarders, or lodgers	2 411 7 107 4 557 4 012 2 692 2 858 3.0	2 222 6 940 4 456 3 974 2 656 2 834 3.0 170	2 218 6 739 2 157 368 128 - 2.0 78	4 201 2 287 3 576 2 464 1 508 4.2 87	12 30 64 1 196 6.7	130 7.5+	189 167 101 38 36 24 2.0	189 161 57 5 5 -	6 44 23 26 	- - 10 5 15	
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or eorlier	603 2 088 1 877 4 549 2 272 12 179	603 2 081 1 845 4 500 2 229 11 745	224 714 645 2 125 1 307 6 617	333 1 244 1 027 2 026 809 4 453	33 123 158 331 93 596	13 15 18 20 79	7 32 49 43 434	7 26 41 30 337	- - 8 13 72	- 6 - 18	7
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	1 600 1 010 889 910 1 232 1 240 5 443 7 116 3 398 799 \$9 700	1 460 961 852 890 1 179 1 192 5 368 7 029 3 352 799 \$9 800	1 247 848 701 701 736 644 2 318 2 765 1 185 465 \$8 200	187 108 140 160 370 485 2 681 3 794 1 812 303 \$11 200	26 5 6 29 63 58 333 440 315 27 \$11 500	5 10 5 36 30 40 4 \$11 500	140 49 37 20 53 48 75 87 46	134 49 34 6 47 29 45 52 21 - \$3 800	6 -3 9 6 14 25 16 20	- - 5 5 5 15	145
VALUE-INCOME RATIO Specified owner accupied¹ Less than 1.5 1.5 fo 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	16 658 5 330 3 660 2 530 1 455 1 555 2 003 125	16 298 5 165 3 619 2 509 1 430 1 536 1 914 125	8 062 2 268 1 596 1 070 700 848 1 480 100	7 265 2 489 1 795 1 311 641 625 384 20	906 379 219 117 84 58 44	65 29 9 11 5 5	360 165 41 21 25 19	255 93 33 16 14 16 83	75 42 8 5 11 3 6	25 25 - - - - -	5
HEATING EQUIPMENT Steam or hot water	15 336 3 695 599 572 3 435	15 169 3 645 594 550 3 124	7 650 1 814 231 307 1 608	6 620 1 616 301 193 1 310	823 190 62 39 188	76 25 - 11 18 -	167 50 5 22 311	130 34 - 16 237 -	28 11 5 6 49	5 5 - 20	4 - - - 5
Renter occupied housing units	25 272	23 965	12 364	9 883	1 359	359	1 307	597	619	77	14
PERSONS 1 person	6 705 7 378 4 609 3 167 1 771 1 642 2.3	5 961 7 143 4 495 3 086 1 725 1 555 2.3	5 817 5 543 933 31 40 - 1.6	144 1 580 3 532 2 932 1 317 378 3.4	21 112 303 923 6.0	20 9 11 65 254 7.2	744 235 114 81 46 87 1.4	426 159 12 - - 1.2	318 76 97 81 29 18 1.5	- - 5 - 13 59 	- - - 4 10
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	199 808 346 1 311 1 663 20 915	199 797 332 1 299 1 621 19 600	105 458 149 539 753 10 360	82 322 128 589 695 7 956	12 12 55 129 147 996	5 42 26 288	11 14 12 42 1 315	- - 12 22 567	11 5 11 641	- 9 - 9 9	- - - - 13
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$3,999 \$5,000 to \$5,999 \$5,000 to \$6,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 or more Median	4 262 2 537 2 174 1 864 1 963 1 982 5 378 4 088 880 144 \$5 900	3 808 2 324 2 034 1 751 1 904 1 891 5 266 4 006 842 139 \$6 100	3 079 1 629 1 275 992 950 870 1 985 1 306 232 46 \$4 200	624 591 639 638 799 876 2 777 2 401 460 78 \$7 800	80 84 89 96 129 116 394 242 125 4 \$7 700	25 20 31 25 26 29 110 57 25 11 \$7 600	454 213 140 113 59 91 112 82 38 5 \$2 900	248 124 86 49 9 19 39 17 6	196 85 44 48 27 63 68 60 23 5 \$3 600	5 4 16 23 9 -5 9	5 -4
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied? Less than 10 percent	25 120 3 703 5 602 3 852 2 708 2 943 5 113 1 199	23 821 3 538 5 401 3 696 2 596 2 754 4 716 1 120	12 306 1 113 2 090 1 665 1 370 1 738 3 514 816	9 807 2 077 2 854 1 681 1 048 867 1 030 250	1 349 261 392 281 124 106 153 32	359 87 65 69 54 43 19	1 299 165 201 156 112 189 397 79	597 40 64 48 39 116 254 36	611 116 121 90 55 61 125	77 9 11 18 18 12	14
HEATING EQUIPMENT Steam or hot water Warm-dir furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	7 252 1 427 607 361 15 525 100	6 830 1 411 591 361 14 686 86	3 659 756 333 176 7 400 40	2 698 522 212 140 6 276 35	347 102 31 41 827 11	126 31 15 4 183	422 16 16 	60 6 4 - 523 4	352 10 8 249	10 4 57 6	- - - 10 4

Limited to ane-family homes an less than 10 acres and no business on property.

²Excludes ane-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	[Data based on	sample, see text.	For minimum ba	se for derived fi	jures (percem, n	nedidit, etc., and	inediang or sym	1012, 366 1071	,	
The SMSA	Total	1 raom	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	23 637	4	67	483	3 114	7 577	6 810	3 007	2 575	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	22 791	6	61	444	2 968	7 204	6 667	2 980	2 461	5.6
PERSONS										
1 person2 persons	2 411 7 107	4 -	45 10 12	213 197 28	480 1 567 673	727 2 296 1 630	567 1 848 1 301	199 622 551	176 567 362	5.1 5.3 5.5
3 persons4 persons	4 557 4 012 2 692		-	40	268 69	1 414 844	1 337 853	580 499	373 427	5.5 5.7 6.0
5 persons 6 persons or more Median	2 858 3.0			5 1.6	57 2.2	666 3.0	904 3.3	556 3.7	670 4.0	6.3
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	23 082 11 610		55 33 10	422 172 215	2 976 1 939 916	7 473 2 962 3 849	6 694 3 634 2 675	2 936 1 307 1 513	2 522 1 563 858	5.6 5.7
0.51 to 1.00	10 040 1 302 130] -	12	30 5	111	593 69	367 18	100 16	89 12	5.7 5.5 5.3 5.2 5.1 5.3
1.51 or more tacking same or all plumbing facilities 0.50 or less	555 417] -	12 12	61 41	138 108	104 61	116 82	71 65	53 48	
0.51 to 1.00	99 30		-	10 10	25 5	39	19 10 5	6	5	:::
1.51 or more	,	_		_	_	•		_		
None and 1	1 147 7 347	_	45	388 99	524 2 551	137 3 346	53 1 132	142	77	3.8 4.8
2	11 797 3 749	=	-		118	4 538 72	4 805 813	1 856 1 012	480 1 852	5.8 7.5
YEAR STRUCTURE BUILT							100	93	43	5.6
1969 to March 1970	519 4 111	-	- - 8	5 72 79	44 466 843	201 1 676 1 701	133 1 091 1 307	539 470	267 235	5.4 5.3
1950 to 1959 1949 or earlier	4 643 14 364		59	327	1 761	3 999	4 279	1 905	2 030	5.7
COMPLETE BATHROOMS	20 707	6	61	434	2 903	6 996	6 133	2 500	1 674	5.5
1 and 1 1/2 2 or more None or also used by another household	2 131 730	i -	17	15 55	77 222	230 196	542 101	480 61	787 78	6.9 4.9
VALUE-INCOME RATIO	ļ	1					4 842	2 429	2 218	5,7
Specified owner occupied ¹ Less than 1.5	5 330	-	24 10	232 41 15	1 932 568 465	4 981 1 408 1 325	1 540 1 014	847 512	916 329	5.9 5.5
1.5 to 1.9 2.0 to 2.9	3 660 3 985 3 558	-	14	49 122	389 505	1 258 969	1 229 1 013	582 479	464 470	5.7 5.7
Not computed			-	5	5	21	46	9	39	6.2
Renter occupied housing units	25 272	501	804	4 334	7 633	7 424	3 502	768	306	4.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	22 794	. 55	701	3 765	6 889	6 947	3 411	709	317	4.5
PERSONS	1							2/	34	3.5
l person 2 persons		20		2 282 1 445	1 976 2 678 1 632	960 1 997 1 601	409 867 722	136 172	24 51	4.3 4.7
3 persons	3 167	6	26 5 10	396 112 55	875 316	1 301	461 378	176 153	31 64	5.0 5.1 5.3
5 persons 6 persons or more Median		1	6	44 1.4	156 2.2	774 3.0	465 3.2	95 3.7	102 4.7	5.3
PLUMBING FACILITIES BY PERSONS PER ROOM		ļ				7 177	3 428	738	298	4.5
With all plumbing facilities	23 965 12 364	· -	741 502	4 085 2 116 1 763	7 323 4 425 2 448	7 173 2 852 3 589	1 967 1 222	330 399	172 121	4.3
0.51 to 1.00 1.01 to 1.50	.] 1 359)	21	112	387 63	603 129	226 13	5	5 - 8	4.8 4.0 3.6
1.51 or more Lacking some or all plumbing facilities 0.50 or less	1 307	322	63 44	249 166	310 229	105	74 31 30	30 14 16	8	3.9 1.5
0.51 to 1.00 1.01 to 1.50	619	318	14 5	78 - 5	59 17 5	42	13	-	-	:::
1.51 or more	. 14	4	_	_					ļ	
Rone 1			9 742	17 3 080	- 849	195	39	- - 44	-	3.1
2	. 12 348		-	1 575	6 677 439	3 265 3 962	787 2 671	648	278	5.4
YEAR STRUCTURE BUILT					117		4	5	9	3.8
1969 to March 1970	. 1 066	3 13	16 283 21	51 266 185	258 497	130	125	10 25	20 10	3.4 4.3 4.5
1950 to 1959 1949 or earlier	1 310		484	3 832	6 761	6 904	3 287	728	267	4.3
1 and 1 1/2	22 905	156	709	3 849	6 917		3 393	699 25	217 107	4.5 5.7
2 or more None or also used by another household	.1 345	13	19	11 385	31 588	86 332	53 128	42	ĭi	3.7
GROSS RENT AS PERCENTAGE OF INCOME						7 388	3 474	749	285	4.4
Specified renter occupied?	3 703	78	799 41	4 329 397	7 595 1 015 1 704	1 293	667 982	153 183	59 44	4.7 4.7
15 to 19 percent	5 602	62	72 114 111	527 508 518	1 088	1 326 726	596 345	131	27 9 11	4.6 4.3 4.0
20 to 24 percent 25 to 34 percent 35 percent or more	.1 2 943	66	158 243	728 1 451	966 1 668	628	332 410 142	54 82 67	32 103	4.0 4.5
Not computed	1 199	24	60	200	301	302	142	87	, 30	

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

		Owner occ	upied	1				Renter occ	upied			
e SMSA	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	23 637	17 452	5 970	215	25 272	1 973	3 724	11 865	6 062	940	662	46
oms												ļ
oom	4 67	28	4 39	=	501 804	24 44	19 53	28 134	25 255	218 84	187 224	10
ooms	483 3 <u>114</u>	241 2 005	211 1 016	31 93	4 334 7 633	195 429	371 1 211	1 860 3 040	1 556 2 541	198 327	137 75 11	10
ooms	7 577 6 810	5 156 5 039	2 336 1 765	85	7 424 3 502	472 331	1 261 645	4 338 2 104	1 226 388	107 6	28	-[
ooms or more	3 007 2 575	2 586 2 397	421 178	-	768 306	257 221	118 46	322 39	71 - 4.0	 3.3	2.1	
JMBING FACILITIES BY PERSONS PER ROOM	5.6	5.8	5.2	4.3	4.4	5.1	4.7	4.7	4.0	3.3	A-1	
th all plumbing facilities	23 082	17 028	5 844	210	23 965	1 864	3 628	11 404	5 764	718	541	46 18
0.50 or less	11 610 10 040	8 480 7 550	3 031 2 389	99 101	12 364 9 883	930 804	2 116 1 304	5 802 4 827	2 871 2 427	342 286	285 227	8 20
.01 to 1.50	1 302 130	933 65	359 65	10	1 359 359	101 29	145 63	640 135	373 93	57 33	23 6	_
king some or all plumbing facilities	555 417	424 319	1 26 93	5 5	1 307 597	1 09 48	96 43	461 301	298 170	222 30	121 5	-
1.51 to 1.60	99 30	75 25	24 5	-	619 77	42 19	44 9	138 17	94 25	185 7	116	=
1.51 or more	9	5	4	-	14	-	-	5	9	-	-	***
DROOMS	10	_	10	_	380	9		48	50	154	119	
	1 137 7 347	794 4 68 1	343 2 541	125	4 905 12 348	287 7 5 9	540 2 137	1 738 5 810	1 653 3 080	288 409	381 153	18
r more	11 797 3 749	9 203 3 348	2 547 401	47	7 281 717	808 321	999 112	4 215 127	1 125 139	96	38 18	_
AR STRUCTURE BUILT			- - -									
69 to March 1970	519	495	19	5	211	29	14	20	89	54 102	5 224	-
55 to 1968	2 034 2 077	1 927 1 953	27 36	88	791 275	86 130	62 25	142 53	170 27	102	25 70	1: 20
50 to 1959	4 643 2 246	4 457 2 018	160 223	26 5	1 310 1 754	292 305	157 202	597 644	158 322 5 304	209 559	72 266	
39 or earlier	12 118	6 602	5 505	11	20 931	1 131	3 264	10 409	5 296	224	200	,
is than \$2,000	1 600	932	629	39	4 262	301	454	1 798	1 215	220	258 116	1
,000 to \$2,999	1 010 889	589 551	407 322	14 16	2 537 2 174	130 192	286 267	1 135 941	639 596	231 101	116 68	
,000 to \$4,999	910 1 232	588 820	312 402	10	1 864 1 963	134 168	236 340	890 828	468 511	80 65	49 51	
.000 to \$6.999	1 240 5 443	856 4 007	357 1 357	27	1 982 5 378	157 414	271 961	947 2 710	522 1 138	61 104	14 47	1
,000 to \$9,999 0,000 to \$14,999 5,000 to \$24,999	7 116 3 398	5 534 2 849	1 567 549	15	4 088 880	369 80	704 176	2 140 438	774 164	51 17	50 5	
25,000 or moreedian	799 \$9 700	726 \$10 300	68 \$8 200	\$6 700	144 \$5 900	28 \$6 400	29 \$7 000	38 \$6 400	35 \$5 200	10 \$3 200	\$2 600	
EAR MOVED INTO UNIT			,									
969 to March 1970	1 744 1 421	1 377	335 289	32 40	5 562 2 776	434 250	760 347	2 344 1 307	1 460 662	360 85	1 62 110	4
P67	1 257	923 1 864	298 410	36 34	2 309 3 477	157 261	382 481	1 007 1 720	536 793	90 128	130	
765 and 1966 760 to 1964 750 to 1959	3 998 6 823	3 093 5 353	821 1 463	84 7	3 4// 3 774 3 719	223 310	543 597	1 876 1 852	928 784	171 83	33 82	1
949 or earlier	6 017	3 619	2 393	5	3 625	225	693	1 769	822	50	66	
ROSS RENT												
Specified renter occupiedess than \$50		• • •	• • • •		25 120 1 913	1 821 64	3 724 183	11 865 522	6 062 500	940 345	662 299	4
50 to \$5960 to \$69			•••	:::	1 751 2 894	59 50	185 396	870 1 426	417 867	153 87	67 64	
70 to \$79					3 789 7 628	147 256	662 996	1 725 4 134	1 111 2 014	100 107	37 101	3
100 to \$119 120 to \$149	:::	• • •	• • •		3 796 1 839	239 263	679 350	2 050 834	733 324	65 35	30 29	
150 to \$199 200 to \$299	:::				564 179	192 122	92 21	153 23	68	39 5	20 8	
300 or more			• • • •		38 729	14 415	5 155	15 113	4 24	4	7	1
Aedian		***	•••		\$84	\$111	\$87	\$86	\$81	\$58	\$54	• •
HEATING EQUIPMENT Steam or hot water	15 336	11 976	3 344	16	7 252	900	1 485	2 554	1 205	664	444	
Warm-air furnace	3 695	3 180 552	3 344 356 42	159	1 427 607	322 49	1 485 176 40	2 554 413 182	299 191	76 77	101 68	
Toor, wall, ar pipeless furnace	572 3 435	477 1 267	95 2 133	35	361 15 525	52	40 68 1 938	133 8 544	74 4 253	29 94	5 44	
lane	-	- 20/	£ 133	- -	100	646 4	17	39	4 253	74	~	
AIR CONDITIONING Room unit(s)	2 090	1 400	£1.		1 21.		-		057	20	,	
Central system	211	1 490 197 15 634	516 8 5 485	84 6 148	1 211 38 23 993	169 1 691	219 8 3 576	515 11 11 349	257 13 5 715	39 - 928	6 6 665	
AUTOMOBILES AVAILABLE		.5 504	5 405	140	20 773	1 071	o 3/0	11 347	3 /13	720	003	·
	•			1								
12	11 033 9 001	7 726 7 414	3 162 1 513	145 74	12 770 3 027	1 123 362	2 089 718	6 183 1 349	2 803 541	353 26	166 18	

Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

	[Data based on	somple, see i	exi. For minir	nom base for		ore-person hou		a meaning or	symbols, see	textj	One-nection	households
The SMSA	l t		Male head, wit	e present, no	nonrelatives		Other ma	le head	Female	head		
THE SHOP	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	23 637	212	2 654	4 363	8 989	2 370	561	191	1 236	650	1 124	1 287
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	23 082	207	2 628	4 335	8 858	2 284	549	178	1 205	616	1 054	1 168
0.50 or less 0.51 to 1.00	11 610 10 040	87 113	535 1 874	637 3 075	4 423 3 938	1 952 323	347 180	132	796 371	483 124	1 050	1 168
1.01 to 1.50 1.51 or more	1 302	7 -	186 33	565 58	462 35	5	22	8	38	9	=	Ę
Necking same or all plumbing facilities 0.50 or less	417	5 5	26 11	28 5	131 73 58	86 56	12 12	13 13	31 19	34 34	70 70	119 119
0.51 to 1.00 1.01 to 1.50 1.51 or more	30	=	10	4 15 4	- -	20 5 5	-	-	12	-	-	-
UNITS IN STRUCTURE						ļ]	-	-
2 or more	17 452 5 970 215	148 54 10	2 172 442 40	3 485 845 33	6 693 2 233 63	1 594 776	455 106	166	903 312 21	382 268	742 353 29	712 556 19
INCOME IN 1969	1								•		2,	"
Less than \$2,000 \$2,000 to \$2,999	1 600 1 010	11	15 9	67 11	103 68	220 396	5 27	26 8	92 102	73 51	247 123	752 204
\$3,000 to \$3,999 \$4,000 to \$4,999	889 910	4 5	21 43	16 63	132 202	281 270	31 25	21	134 63	42 79	115 110	92 44
\$5,000 to \$5,999	1 240	28 19	132 131	100 183 1 115	368 443 2 190	199 112 335	14 40	15	126 102	54 66	124 92	72 37
\$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999	7 116	72 58 15	873 1 125	1 886 777	3 187 1 842	254 226	175 151 65	54 34 12	269 210 106	89 109 67	220 67 20	51 35
\$25,000 or more		\$8 600	268 37 \$10 500	145 \$11 700	454 \$11 600	77 \$5 100	28 \$9 400	\$7 300	32 \$7 000	20 \$6 400	54 700	\$2000
VALUE-INCOME RATIO	\$,,00	φυ σσσ	4.0 500	4.1. 100	4., 555	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		4	***	4.755	4233
Specified owner occupied	16 658 5 330	148 35	2 135 412	3 380 1 010	6 358 2 823	1 491 363	432 173	166 44	847 240	368 110	684 97	649 23 18
1.5 to 1.9 2.0 to 2.4	3 660 2 530	31 13	529 471	949 654	1 540 880	169 137	103 43	27 25	142 118	59 53	93 85	51
2.5 to 2.9 3.0 to 3.9	1 455 1 555	12 45	321 303	365 246	382 387	141 212	18 47	24 10 30	86 94	20 43 74	49 123	37 45 419
4.0 or mare Not computed	2 003	12	99 	147 9	341 5	464	48 	6	152 15	9	217 20	56
Renter occupied housing units	25 272	1 667	3 470	2 374	4 941	2 078	544	169	2 721	603	3 379	3 326
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	23 965	1 641	3 427	2 314	4 764	2 001	523	147	2 616	571	2 991	2 970
0.50 or less 0.51 to 1.00	12 364 9 883	553 1 044	632 2 325	306 1 522	2 076 2 272	1 183 778	292 193	91 56	1 081	333 228 10	2 884 107	2 933 37
1.01 to 1.50 1.51 or mare	1 359 359	35 9	371 99	373 113	330 86 177	35 5 77	25 13 21	22	180 34 1 05	32	388	356
Lacking same or all plumbing facilities	1 307 597 619	26 - 15	43 34	60 - 28	44 106	40 37	10	22	28 70	27	177 21 I	249 107
1.01 to 1.50 1.51 or more	77	ii	4 5	32	22 5	-	5 -	-	3 4	-	-	-
UNITS IN STRUCTURE				003	222	140	63	21	254	71	234	181
1 2 to 4 5 to 19	1 973 15 589 7 002	171 975 499	271 2 289 865	237 1 569 534	330 3 431 1 157	1 290 581	366 115	83 65	1 615 806	399 122	1 841 1 099	1 731
20 or mare Mobile home or trailer	662	14	29 16	30	23	67	-	-	46 -	11	205	237 18
GROSS RENT								744	2 700	603	3 363	3 316
Specified center occupied?	25 120 1 913	1 653 35	3 422 49	2 361 20	4 920 100	2 074	544 20 39	164 15 15	254 250	35 40	426 319	735 505
\$50 to \$59 \$60 to \$69 \$70 to \$79	1 751 2 894	47 128	88 191	72 164 405	202 411 918	174 415 315	52 64	42 35	265 362	75 100	488 509	663 430
\$80 to \$99 \$100 to \$119	3 789 7 628 3 796	200 670 324	451 1 249 810	826 511	1 934 706	490 245	161 160	35	672 447	193 77	940 361	458 210
\$120 to \$149 \$150 to \$199	1 839 564	178 51	394 92	197 73	377 99	88 25	48 20	6	259 118	32 12	165 31	95 43
\$200 to \$299 \$300 or mare	179	10	34 14	48 5	32 15	-	4 ~		22 4	33	16 - 108	170
No cash rent	729	10	50	40	126	98	36	11	47	33	100	"
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME						2 074	544	164	2 700	603	3 363	3 316
Specified renter occupied? Less than \$5,000	25 120 10 789	1 653 389	3 422 395	2 361 305 45	4 920 720 97	1 315	138 27	99 20	1 450 119	292 42	2 343 254	3 143
Less than 20 percent	960 1 454 2 488	60 84	26 68 91	60 84	131 235	247 329	10 20	28	219 377	36 72	342 631	252 506
35 percent or mare Hot computed	5 009 878	115 125 5	177 33	94 22	217 40	474 96	52 29	35 11	814 121	119 23	937 179	1 965 319 148
10,000 to \$9,999 Less then 20 percent	9 257 7 368	1 029 741	1 971 1 612	1 178 948	2 198 1 861	510 409	276 207	53 53	811 586	220 143	863 695 106	113
25 to 34 percent	1 199	169	244	160 36	200 83	59 23	43 <i>9</i>	_	152 33 19	52 11	44 4	15
Not computed	93 178	10 10	19 30	24 10	13 41	15	17	7	21 173	14 63	14 116	6 15
less than 20 nercent	4 058 3 835	230 222	935 886	721 677	1 534 1 452	165 150	99 90	7	173	63	100	15
25 percent or more	55 47	8 -	18 17	10 10	14 16	<u>[=</u> ,	5 4	-	- -	-	16	-
\$15,000 or more	121	5	14 121	24 157	52 468	15 84	31 31	5	66 66	28 23	41 41	10 10
20 to 24 percent	994	5 	121	157	458 -	77	ال -	-	-	-	-	-
25 percent or more Not computed	22	_	-	-	10	7		-		5		

Limited to one-family homes on less than 10 acres and no business on property. 2Excludes ane-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

 -	Data based on so	imple, see text.	For minimum bo	se for derived fi	gures (percent, r	nedian, etc.) and	meaning of symb	ols, see text]		
The SMSA	Total) person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	23 637	2 411	7 107	4 557	4 012	2 692	1 552	745	561	3.0
BEDROOMS None and 1	1 147 7 347 11 797 3 749	335 1 259 845 295	649 3 329 2 272 620	89 1 714 2 252 516	74 715 2 876 443	238 2 105 453	55 913 511	37 379 463	- 155 448	1.9 2.2 3.7 4.5
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or eorlier	519 2 034 2 077 4 643 2 246 12 118	15 64 105 326 198 1 703	111 411 435 1 454 872 3 824	122 386 414 1 041 394 2 200	148 548 469 821 365 1 661	70 345 348 445 232 1 252	34 184 156 329 100 749	10 50 107 129 44 405	9 46 43 98 41 324	3.6 3.8 3.7 3.0 2.6 2.7
UNITS IN STRUCTURE 1	17 452 5 970 215	1 454 909 48	5 199 1 836 72	3 258 1 265 34	3 182 796 34	2 095 580 17	1 246 296 10	587 158 ~	431 130	3.1 2.7 2.3
COMPLETE BATHROOMS 1 and 1 1/2	20 707 1 856 275 730	1 957 78 19 241	6 484 463 70 234	4 028 350 45 127	3 643 316 23 44		1 350 136 46 -	612 95 15 6	466 77 13	3.0 3.6 3.7 2.0
HOUSEHOLD COMPOSITION Two-ar-more-person households. Male head, wife present, no nonrelatives	21 226 18 588 212 2 654 4 363 8 989 2 370 752 561 191 1 886 1 236 650 2 411	2 411	7 107 5 628 65 244 277 3 261 1 781 416 290 126 1 063 644 419	4 557 3 964 69 520 615 2 349 411 110 111 29 453 285 168	4 012 3 767 43 837 1 154 1 628 1055 71 54 17 174 141 33	2 692 2 538 19 6355 995 850 39 45 39 6 109 98	1 552 1 469 13 279 644 523 10 46 41 5 37 27 10	745 684 3 74 370 222 155 24 16 8 37 33 4	561 538 65 308 156 9 10 10 13 8 5	3.4 3.1 4.2 4.6 3.0 2.2 2.4 2.5 2.3 2.4 2.3
VALUE-INCOME RATIO Less than 1.5. 1.5 to 1.9. 2.0 to 2.4. 2.5 to 2.9. 3.0 to 3.9. 4.0 or more Not computed	5 330 3 660 2 530 1 455 1 555 2 003	1 333 120 111 136 86 168 636 76	1 038 679 392 577 820	3 123 1 119 812 490 305 233 160 4	3 048 1 039 757 521 295 251 175	2 027 730 458 377 198 142 122	1 211 410 321 225 117 99 34 5	554 281 77 64 36 51 35	407 202 86 38 26 34 21	3.2 3.5 3.3 3.4 3.3 2.6 1.9
Renter occupied housing units	25 272	6 705	7 378	4 609	3 167	1 771	835	545	262	2.3
BEDROOMS None	4 905 12 348	322 2 880 2 610 762	1 686 4 504	9 273 3 247 1 353	36 1 386 1 852	32 30 280 1 179	180 620	9 - 119 477	- - 22 255	1.4 2.3 3.7
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	791 275 1 310 1 754	27 368 76 336 378 5 520	229 68 331 536	240	4 57 26 116 177 2 787	19 6 15 127 109 1 495	4 10 16 58 78 669	4 9 13 53 50 416	- 9 4 49 12 188	2.2 1.6 2.4 2.5 2.4 2.3
UNITS IN STRUCTURE 1 2 3 and 4 5 to 9 10 to 19 20 or more Mobile home or trailer	- 3 724 - 11 865 - 6 062 - 940 - 662	415 826 2 746 1 804 454 442 18	1 264 3 498 1 790 207	712 2 245 1 085 120	266 456 1 680 684 57 19	190 277 888 355 49 6	114 67 429 175 40 5 5	68 90 241 131 5 10	38 32 138 38 8	2.7 2.3 2.4 2.2 1.6 1.2
COMPLETE BATHROOMS 1 and 1 1/2 2 or more	_ 345	65	79	67	2 896 52 164		775 15 62	444 18 50	216 12 20	2.3 2.9 1.5
HOUSEHOLD COMPOSITION Two-or-mare-person households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years and over Other and over Other and over Other and over	- 14 530 1 667 - 3 470 - 2 374 - 4 941 - 2 078 - 713 - 169 - 169 - 3 324 - 2 721 - 603		423 295 128 1 651 1 177 474	3 578 651 872 469 1 276 310 164 137 27 867 779 88	3 167 2 702 246 996 564 813 83 64 57 7 401 376 25	1 771 1 501 48 547 505 373 28 27 20 7 243 238 5	835 742 240 318 169 15 21 21 72 72	545 469 103 198 162 6 14 14 - 62 51	262 234 6 46 85 85 12 	2.9 3.0 2.7 3.7 4.4 2.8 2.1 2.3 2.4 2.2 2.5 2.7 2.1
GROSS RENT AS PERCENTAGE OF INCOM Specified rearier occupied? Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	25 120 - 3 703 - 5 602 - 3 852 - 2 708 - 2 943 - 5 113	6 679 234	7 355 1 985 1 712 5 1 302 910 6 926	1 010 1 411 753 460 381 427	3 134 760 977 567 290 187 267 86	115 168	826 192 237 176 62 67 75	528 119 133 100 68 52 45	262 64 56 66 29 19 28	2.3 3.1 2.5 2.6 2.2 1.6 1.7

1Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more.

Table A=9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

					and the region of the county interior, ere., and integrating c				
The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more	The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	102	36	31	35	Vacant for rent	848	370	299	179
ROOMS					ROOMS	j			1
1 to 3 rooms 4 rooms 5 rooms 7 rooms 7 rooms or more	10 15 22 34 21	3 13 12 8	5 7 5 5 9	5 5 4! 17 4	1 room	16 70 187 286 210 66	13 12 82 138 93	32 52 109 80 26	3 26 53 39 37
PLUMBING FACILITIES	84	33	26	25	7 rooms or more	13	iá	-	
With all plumbing facilities Locking some or all plumbing facilities	18	33	5	10	PLUMBING FACILITIES		}		
BEDROOMS					With all plumbing facilities	739 109	345 25	249 50	145 34
Rane and 1 2 3 4 or more	- 69 14	17 14 -	37	15	BEDROOMS				
YEAR STRUCTURE BUILT			1		None12	42 290 413	28 96	118 154	14 76 104
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	14 13 24 51	9 12 15	14 - 8 9	4 4 27	3 or more	137	155	134	104
UNITS IN STRUCTURE					1969 to March 1970	11 31	6 28	3	2
12 or more	83 19	25 11	31	27 8	1950 to 1959 1949 or earlier	17 789	329	10 283	177
HEATING EQUIPMENT		}	ļ		UNITS IN STRUCTURE				
Steam or hot water	70 13 - - 9 10	29 3 - - 4	21 5 - - - 5	20 5 - - 5 5	2 to 4	42 402 332 49 23	13 191 131 22 13	6 140 137 6 10	23 71 64 21
SALES PRICE ASKED		ļ	ļ	j	RENT ASKED				
Specified vacant for sule* Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$35,000 to \$49,999 \$40,000 or mare Median price asked	78 5 5 18 9 10 23 8	25 - - - 9 12 4	31 -5 9 -10 3 4 	22 5 - 9 - 8 - 	Specified vacant for rent?	848 331 95 252 76 46 23 17 8 \$60	370 130 29 118 48 23 8 14 - \$64	299 115 32 101 17 13 10 3 8 \$60	179 86 34 33 11 10 5

^{*}Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

- 1		•	Sales price a	sked – Vacan	for sale!				Ren	t asked -	Vacant fo	r rent?		
The SMSA	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	78	10	18	9	10	23	8	848	426	252	76	69	17	8
PLUMBING FACILITIES														
With all plumbing facilities Locking some or all plumbing facilities	37	-	22	~	~	15		809 73	446 52	168	18	114 21	-	-
BEDROOMS														1
None and 1	37	-	22 -		-	15	-	332 413 123 14	173 239 72 14	80 69 19	48 33 -	31 72 32 -	-	-
YEAR STRUCTURE BUILT							1							
1969 to March 1970	14 9 24 31	- - 5 5	9 - - 9	5 - 4	5 - - 5	- 4 15 4	- 4 4	11 31 17 789	6 4 12 404	- 8 1 243	2 5 - 69	3 8 - 58	6 4 7	- - - 8
UNITS IN STRUCTURE]							
1	•••	•••		•••	•••	•••	 :::	42 402 381 23	8 229 180 9	9 119 116 8	5 17 54	16 29 18 6	13	- 8 - -
INCLUSION OF UTILITIES IN RENT							1							}
All utilities included Some or no utilities included						•••		178 670	92 334	39 213	26 50	17 52	13 13	8

¹ Limited to one-family homes on less than 10 acres and no business on property. 2 Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

	[Data based on s	sample, see tex	tt. For minim	um base for a	lerived figures	(percent, me	dian, etc.) and	meaning or s	ymbois, see it	3X1]		
Fall River	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied ¹	5 193	107	213	499	707	743	1 548	800	345	177	54	15 900
ROOMS 1 and 2 rooms	13 35 447 1 176 1 530 874 1 118 6.1	- 10 28 15 20 24 10 5.5	- 14 43 78 39 39 6.1	5 6 42 128 154 81 83 5.9	5 90 135 202 78 197 6.1	80 177 220 151 115 6.0	8 4 161 360 474 194 347 6.0	- 10 26 218 255 167 124 6.1	- 6 74 85 78 102 6.6	26 37 53 61 7.0	- - - 5 9 40	14 000 16 100 15 900 16 300 16 600
PERSONS 1 persons	513 1 663 994 813 562 648 2.9	33 39 8 - 6 21 2.0	30 88 18 24 25 28 2.4	84 154 105 60 41 55 2.6	69 213 123 103 104 95 3.1	103 260 100 92 63 125 2.6	106 545 313 246 189 149 2.9	56 210 197 157 72 108 3.2	16 87 76 87 39 40 3.4	16 52 43 30 16 20 3.0	15 11 14 7 7	13 500 15 600 17 200 17 100 15 900 15 000
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1,00 1.01 to 1,50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1,00 1.01 to 1,50 1.51 or more	55 8 5	98 61 21 16 - 9 9	205 141 64 	478 313 139 26 	694 409 230 55 - 13 5 8 -	743 438 268 32 5	1 542 865 632 39 6 6	789 416 324 49 11 11 -	345 177 161 7 - - -	177 111 66 - - - - - - -	54 43 11 	16 000 15 600 16 700 13 700
BEDROOMS None and 1	1 184 2 220	39 48 20	18 43 80 94	129 179 176	61 211 312 239	36 145 326 219	40 306 706 228	16 219 405 221	10 45 66 97	- 47 73 14	25	15 300 15 900 13 900
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	225 293 1 035 453	- 5 - 9 20 73	- - 14 5 194	- 7 41 16 435	- 19 16 86 28 558	10 8 23 128 70 504	11 48 105 396 146 842	10 63 83 190 95 359	24 53 31 97 33 107	10 25 15 49 40 38	- 4 13 25 - 12	22 600 19 800 18 000 18 000 18 000 14 000
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more	620 89	110 - - 7	188 21 	454 - - 25	563 59	667 63 7	1 371 180 28 12	623 86 - 8	267 97 7	76 69 32 -	- 45 15 -	15 600 19 600
HOUSEHOLD COMPOSITION Two-or-more-person households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years ond over female head Under 65 years 65 years and over Gne-person households Under 65 years	3 854 14 1347 821 2095 577 274 202 72 552 362 362 362 362	74 51 - 10 17 24 14 15 9 9 4 5 33 24	183 132 4 5 46 47 300 19 9 10 32 28 4 4 30	415 281 6 12 48 163 52 28 15 13 106 59 47 84 54	638 470 - - 33 67 292 78 74 58 16 94 577 37 69 33	640 572 4 24 143 302 97 10 10 - - 58 40 18 103 49 54	1 442 1 186 - 137 234 670 145 90 71 19 166 121 45 106 49	744 657 - 67 139 357 94 19 5 63 44 19 56 21	329 295 47 71 134 43 15 15 19 9 10 16	161 156 20 40 92 4 - - 5 5 16 10	544 544 	16 200 16 600 17 100 16 400 15 200 13 000 15 200 14 600 14 600 12 800 13 100 13 100 13 900
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$1,999 \$15,000 to \$24,999 \$25,000 a \$14,999 \$25,000 to \$24,999 \$25,000 a more	185 153 140 229 326 1 153 1 502 862 346	10 - 20 10 5 6	28 25 11 10 9 18 74 22 16	22 25 19 17 44 65 127 118 62 - \$8 400	43 29 23 13 43 59 186 187 94 30 \$9 300	66 20 34 35 38 56 200 208 73 13 \$8 800	55 58 29 36 46 91 347 560 255 71 \$11 000	24 9 19 39 32 142 255 192 69 \$12 300	- 10 10 - 57 117 99 52 \$14 100	15 - 4 6 - 5 - 25 60 62 \$20 600	5 43	13 100 13 100 13 900 14 400 13 100 14 600 16 800 18 200 23 800
YEAR MOVED INTO UNIT 1969 to March 1970	190 156 425 865	7 - 7 13	7 6 18 58 130	7 14 	34 6 7 28 121 230 215	34 	79 50 70 147 271 655 319	20 45 47 98 109 274	42 34 14 35 82 108 56	27 27 - 23 27 67 6	6 27 20 7	16 300
HEATING EQUIPMENT Steam or hat water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	660 127 123 477	19	96 28 6 8 75	294 50 11 14 130	503 67 16 45 76	578 106 - 18 41	1 191 189 39 29 100	661 100 30 4 5	246 54 25 5 15	133 38 - - 6	45	16 400 16 900 17 900 12 200 10 100
AIR CONDITIONING Room unit(s) Central system None	{ 55	- 1	26 193	20 - 459	65 - 576	32 - 705	_	108 12 597	71 6 294	32 25 120	6 12 42	1

Limited to ane-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

	(Data based or	sample, see	text. For mir	nimum base f	or derived fig	jures (percen	t, median, et	c.) and meani	ng of symbol	s, see text!			
Fail River	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	Na cash rent	Median (dollars)
Specified renter occupied ¹	22 325	1 837	1 673	2 718	3 571	7 190	3 294	1 264	321	61	24	372	83
ROOMS	}			1		}						}	1
1 room	495 730 3 843 6 621 6 711 3 160 605 160 4.4	260 246 550 615 140 6 16 4 3.3	73 114 529 522 334 82 19	51 130 631 1 042 676 151 33 4	15 87 713 1 190 1 069 430 64 3 4.3	77 78 907 2 201 2 668 1 119 121 19 4.6	4 37 324 735 1 193 838 121 42 5.0	5 16 140 182 453 321 136 11 5.1	21 51 74 126 40 9 5.6	15 13 11 15 7	4 - - - - - - 14	6 22 28 68 85 76 40 47 5.2	50 – 59 73 79 88 96 105 113
PERSONS	}	}									1		
1 person	5 991 6 454 4 045 2 823 1 577 1 435 2.3	1 120 499 133 61 4 20 1.3	772 396 201 103 73 128 1.7	1 067 939 333 248 86 45 1.8	898 1 159 708 427 214 165 2.3	1 295 2 180 1 567 1 072 565 511 2.6	466 749 706 610 414 349 3.1	145 335 303 180 140 161 3.0	52 80 60 51 45 33 3.0	17 17 15 5 7	11 4 9	159 100 34 45 27 7 1.8	70 81 87 90 94 95
PLUMBING FACILITIES BY PERSONS PER ROOM								-	ļ	}			
With all plumbing facilities 0.50 or less 0.51 to 1,00 1.01 to 1,50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1,00 1.01 to 1,50 1.51 or more	326]	1 470 1 012 440 18 - 367 125 242	1 456 797 525 98 36 217 125 86 6	2 550 1 650 820 75 5 168 86 77 5	3 438 1 882 1 312 180 64 133 79 50	7 035 3 263 3 198 461 113 155 77 59 14	3 235 1 272 1 622 291 50 59 11 28 20	1 247 538 591 67 51 17 - 12 - 5	317 147 139 24 7 4 4	56 29 27 	20 5 15 - 4 - 4	360 282 67 11 - 12 - 12 -	84 80 87 90 90 59 61 54
BEDROOMS								į	{	1	32	{	
None	380 3 897 10 647 7 032	160 754 856 89	18 460 829 350	55 545 1 333 471	18 564 1 965 1 113	97 983 3 549 2 481	426 1 310 1 587	123 556 664	86 66	24 56	17	139 138	73 81 93
YEAR STRUCTURE BUILT				}				}	15	}	1	_}	58
1969 to March 1970	542 145	67 179 43 84 239 1 225	25 137 17 136 186 1 172	16 70 - 100 138 2 394	19 6 18 90 135 3 303	15 27 22 258 337 6 531	16 35 5 99 173 2 966	36 18 51 77 1 082	15 43 5 6 33 219	13 12 36	9	17 30 - 325	57 72 80 78 84
ELEVATOR IN STRUCTURE	[]		ļ	1							- 1		70
4 floors or more	281 483	227 172 55 1 632	81 23 58 1 576	76 15 61 2 328	87 43 44 3 573	200 200 6 910	78 28 50 3 245	1 343	15 - 15 137	80	49	319	82 84
COMPLETE BATHROOMS	1			0.504	3 235	6 854	3 127	1 152	358	48	9	305	84
1 and 1 1/2 2 or more None or also used by another household	20 314 211 1 788	1 358 - 475	1 334	2 534 309	221	42 259	29 157	43 26	8 7	-	12	68 21	114 63
INCOME IN 1969					- 10	(0)	265	126	29	_	-	117	67
less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 or or more Median	2 308 1 896 1 679 1 705 1 778 4 706 3 540 732 94	818 476 152 86 69 76 89 67 4 \$2 200	568 273 178 154 76 78 184 128 34	711 372 286 200 237 211 375 285 36 5 \$4 000	560 337 345 312 296 266 846 481 125 3 \$5 800	693 520 577 491 639 674 1 858 1 454 270 14 \$7 000	263 194 208 253 271 303 878 706 187 29 \$7 500	73 85 116 75 117 348 247 53 24 \$7 300	33 24 27 28 12 58 73 20 15 \$7 300	5 12 4 18 22	9	25 37 26 14 37 43 66 7	71 79 82 85 86 89 90 89
YEAR MOVED INTO UNIT							077	463	188	7	_	43	91
1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1930 to 1959 1949 ar earlier	2 359 2 053 3 069 3 434 3 730	471 199 249 217 277 224 196	268 211 100 203 342 282 241	421 261 229 374 427 510 621	460 296 258 594 580 745 532	1 452 829 755 981 1 101 1 226 811	977 386 317 408 483 456 286	124 92 180 130 160 72	24 21 51 39 27 23	14 - 7 7 13	12	6 32 42 48 87 136	84 84 82 81 81 76
GROSS RENT AS PERCENTAGE OF				ľ									
Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 23 to 34 percent 35 sercent or more Not computed	5 143 3 452 2 377 2 598 4 547	269 182 179 331 396 436 44	328 222 200 166 211 489 57	500 534 319 232 336 718 79	765 919 463 312 324 701 87	1 166 2 113 1 304 667 642 1 181	924 618 450	45 223 307 166 187 324 12	20 26 62 42 35 131 5	- - 11 29 21	24	372	78 86 89 94 81 79 76
AIR CONDITIONING Room unlit(s) Central system None	991	47 1 786	56 1 591	112 6. 2 725	118 3 347	365 6 6 784	148 26 3 139	1 174	29 - 344	48	12	57 337	88

*Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

	[Data based a	n sample, see	text. For min	imum base fo	r derived figur	es (percent, r	nedian, etc.) a	nd meaning of	symbols, see	text]		
Fall River	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	10 624	848	560	455	420	570	664	2 378	2 964	1 345	420	9 300
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms or more	52 217 1 317 3 304 3 181 2 553	9 58 151 299 184 147	21 124 163 184 68	5 30 90 94 173 63	16 72 167 99 66	6 21 122 189 149 83	- 5 81 255 158 165	23 35 335 761 740 484	23 282 959 970 730	3 8 50 355 460 469	6 10 62 64 278	4 000 7 200 8 900 9 600 11 400
PERSONS 1 person	1 332 3 344 3 689 1 088 1 171 89	551 212 58 15 12	185 311 49 15 -	94 261 79 15 6	69 261 80 10 -	142 204 152 43 29	70 232 205 79 78 5	131 717 938 287 305 35	69 767 1 340 397 391	15 240 637 170 283	6 139 151 57 67 4	2 600 7 800 11 100 11 000 12 000
BEDROOMS Less than 3 3 4 or more	3 871 4 473 1 682	435 276 62	301 234 82	242 146 40	216 92 54	267 275 12	304 371 133	768 939 449	943 1 476 403	274 501 329	121 163 118	7 700 9 700 10 100
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	74 577 1 159 8 814	10 35 803	5 14 35 506	- 50 405	4 44 372	36 74 460	4 33 57 570	15 156 226 1 981	45 216 340 2 363	5 86 218 1 036	22 80 318	10 800 10 900 9 000
YEAR MOVED INTO UNIT 1969 to Morch 1970 1968 1960 to 1967 1959 or earlier	578 460 2 869 6 746	22 20 133 716	39 13 77 414	19 7 89 356	24 12 52 348	30 44 120 369	11 11 195 390	164 136 792 1 315	213 149 976 1 611	56 61 328 962	7 107 265	9 600 9 700 9 900 8 800
SELECTED CHARACTERISTICS Automatic clothes washing machine	3 512 1 088 1 043 563 1 163 1 095		209 65 26 26 13 29 29	189 72 - 19 17 11	167 31 15 - 18 18	394 160 35 20 47 47	585 223 36 65 60 30 23 7	1 571 820 135 159 131 205 205	2 112 1 247 378 333 118 394 384	815 530 248 269 106 284 272	341 272 177 107 61 125 94 31	10 000 11 200 13 400 12 800 10 100 12 800 12 600
Automobiles availabla: 1	3 235	80	303 25	250 30 7	263 41 -	360 107 13	423 110 15	1 537 644 71	1 505 1 254 103	470 696 212	64 248 67	8 600 12 300 16 500
Renter occupied housing units	22 364	3 887	2 314	1 901	1 684	1 705	1 778	4 729	3 540	732	94	5 800
ROOMS 1 room	735 3 848 6 637 6 711	291 3 1 226 7 1 294 1 701	91 123 710 810 443 137	61 111 355 652 489 233	25 58 320 499 513 269	35 48 294 533 494 301	46 36 181 621 560 334	45 47 508 1 288 1 821 1 020	33 16 204 767 1 400 1 120	34 157 268 268	- 16 16 22 40	3 000 2 600 3 000 5 100 7 300 8 400
PERSONS 1 persons 2 persons 3 and 4 persons 5 persons 6 persons Units with roomers, boorders, or lodgers	- 6 459 - 6 889 - 1 577 - 1 443	706 375 64 50	1 062 866 262 67 57 21	739 614 394 98 56	490 560 406 95 133	308 671 500 92 134	248 585 676 153 116	330 1 455 2 086 457 401	106 863 1 843 412 316	16 119 316 120 161	5 20 31 19 19	2 300 5 700 8 200 8 400 8 300 3 400
BEDROOMS None	- 3 897 - 10 664	1 182 1 494	54 639 1 464 270	140 567 891 569	36 348 746 488	40 266 954 472	32 171 615 658	41 462 2 528 1 906	188 1 579 1 696	53 309 507	21 84 21	3 200 5 800 8 000
YEAR STRUCTURE BUILT 1969 10 March 1970 1960 to 1968 1950 to 1959 1949 or earlier	- 707 - 867	7 289 7 200	39 118 85 2 072	15 56 94 1 736	19 39 58 1 568	16 51 64 1 574	- 46 86 1 646	33 63 170 4 463	10 35 94 3 401	- 10 722	- 10 6 78	3 400 2 500 4 900 6 000
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 1967 1959 or earlier	- 2 359 8 566	7 414 5 1 734	530 275 845 621	419 138 549 600	478 182 600 464	409 216 550 492	521 212 704 455	947 489 1 919 1 196	578 370 1 388 1 235	94 45 254 291	12 18 23 26	5 400 5 800 6 000 5 700
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied¹ Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	- 8 523 - 3 453 - 2 373 - 2 598 - 4 543	2 - 2 - 7 50 3 315 7 2 948	687 1 144	1 896 60 210 432 847 310	1 679 136 421 530 466 100 26	1 705 278 708 506 178 21	1 778 613 739 325 60 4	4 706 3 293 1 169 158 34 9	3 540 3 323 118 11 11 11 66	732 725 - - - - 7	94 94 - - -	5 800 9 900 6 400 4 600 3 400 2000 2000
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Hame food freezer Owned second home With air conditioning Room unit(s) Central system	- 2 386 - 245 - 665 - 510 - 1 025 - 99	7 179 5 41 5 61 0 19 9 81	20 64 24 31 25	608 142 - 9 - 48 48	397 54 35 22 73 52 52	646 167 23 28 43 118 110	450 174 68 23 128 128	2 220 716 18 207 64 289 276	1 765 663 108 158 203 210 205	397 107 48 61 59 59	41 19 - - 13 13	8 000 8 300 10 200 7 600 7 600
Automobiles available: 1	_ 2 426	5 69	29	689 43 15	910 57 -	1 020 115 7	1 190 169 7	3 312 526 39	2 009 1 134 122	289 256 64	40 28 11	7 200 10 900 11 800

Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

			With al	plumbing facili	ities			Lacking son	ne or all plumbir	ng facilities	
Fall River	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.5 o mor
Owner occupied housing units	10 624	10 501	5 825	4 068	537	71	123	91	27	5	
PERSONS 1 person	1 332	1 288	1 284	4	_	_]	44	44	_	_	_
2 persons	3 344 2 127	3 321 2 085	3 218 1 072	103	12	-	23 42	23 24	18	_	~
4 persons	1 562	1 559 1 082	178 73	1 367 989	14 20	-	3	-	3 6	-	-
6 persons or more	1 171 2.8	1 166 2.8	2.0	604 4.2	491 6.8	71	5 2.3		•••		-
Units with roomers, boarders, or lodgers	89	89	37	52	-	-	_	-	-	-	-
YEAR STRUCTURE BUILT 1969 to March 1970	87	87	21	66	_	_	_	_	_	_	-
1965 to 1968	267 311	267 311	104 116	148 183	15 12	-	-	- -,	-	-	-
1950 to 1959	1 163 628	1 163 623	617 368	476 229	64 26	6	5	5	-	-	-
1939 or earlier	8 197	8 083	4 609	2 979	428	67	114	76	32	6	-
INCOME IN 1969 Less than \$2,000	848	826	736	79	11	~	22	22	-	_	-
\$2,000 to \$2,999 \$3,000 to \$3,999	560 455	555 452	509 398	46 48	6	-	5 3		3	_	-
\$4,000 to \$4,999 \$5,000 to \$5,999	420 570	416 557	335 372	81 166	15	4	4 13	13	4	-	-
\$6,000 to \$6,999 \$7,000 to \$9,999	664 2 378	648 2 353	360 1 108	255 1 075	28 150	5 20	16 25	16 10	15	-	-1
\$10,000 to \$14,999	2 964	2 940	1 279	1 466	180	15	24	14	5	5	-1
\$15,000 to \$24,999\$25,000 or more	1 345	1 334 420	465 263	713 139	129 18	27	11	11	-	-	-]
Median	\$9 300	\$9 300	\$7 500	\$11 000	\$11 600	•••	\$6 900	•••		•••	-}
VALUE-INCOME RATIO Specified owner occupied:	5 193	5 125	2 974	1 916	224	11	68	55	8	5	~
Less than 1.51.5 to 1.9	2 297 1 118	2 264 1 107	1 152 619	952 442	149 46	11	33 11	23 11	5 -	5	
2.0 to 2.4 2.5 to 2.9	604 297	604 297	316 189	273 99	15 9	-	-	-	-	-	-
3.0 to 3.9 4.0 or more	336 472	322 462	219 414	103 43	5	-	14 10	11 10	3	-	-[
Not computed	69	69	65	4	~		-	-	_	~	-1
HEATING EQUIPMENT	, 770	4 710	3 815	2 552	314	38	59	56	3		
Steam or hot water	6 778 1 001	6 719 996	587	353	41	15	5	_	_	5	-
Built-in electric units	157 213	157 213	52 139	83 58	22 16	-	_	_		~	-
Other means	2 475	2 416	1 232	1 022	144	18	59 -	35 -	24	-	-
Renter occupied housing units	22 364	21 223	10 882	8 790	1 225	326	1 141	512	566	49	14
PERSONS		4 850	5.145			1	407	369	318		
person	5 996 6 459	5 309 6 265	5 165 4 863	144 1 382	.=	20	687 194	131	63 80	5	-1
3 persons	4 050 2 839	3 953 2 772	810 23	3 124 2 648	10 96	9 5	97 67	12	67	-	=]
5 persons or more	1 577 1 443	1 545 1 379	21	1 180 312	289 830	55 237	32 64	~	20 18	8 36	10
Median	2.3	2.3	1.6	3.4	6.0	7.2	1.3 23	1.2	1.4 23		
Units with roomers, boarders, or lodgers	133	110	47	63	-	-	23	~	23	_	_
YEAR STRUCTURE BUILT 1969 to March 1970	164	164	99	53	12	-	າາ	•	11	-	-
1965 to 1968 1960 to 1964	569 172	558 1 63	340 106	213 34	23	5 -	9	-	-	9	-}
1930 to 1959	870 1 291	870 1 273	353 515	373 585	110 147	34 26	18	18	=	-	13
1939 or earlier	19 282	18 084	9 578	7 340	896	270	1 198	503	615	67	13
INCOME IN 1969 Less than \$2,000	3 887	3 488	2 827	571	65	25	399	219	175	-	5
\$2,600 to \$2,999 \$3,000 to \$3,999	2 314	2 132 1 795	1 454 1 128	574 563	84 79	20 (25 (182 106	102 43	80 39	- -	4
\$4,000 to \$4,999	1 684	1 581	907	564 711	90 112	20 21	103 51	49 4	48 27	6 20	-
\$5,000 to \$5,999 \$6,000 to \$6,999	1 705 1 778) 654 1 687	810 752	795	111	29	91 102	19 39	63 58	9 -	5
\$7,000 to \$9,999 \$10,000 to \$14,999	4 729 3 540	4 627 3 470	1 714 1 090	2 482 2 095	338 228	57	70	17	48 23	5 9	=1
\$25,000 or more	732 94	700 89	175 25	386 49	114	25	32 5	\$2 400	5 \$3 700	<u></u>	-
Median	\$5 800	\$6 000	\$4 000	\$7 700	\$7 400	\$7 700	\$2 900	\$2 400	45 760	•	
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied?	22 325	21 184	10 877	8 756	1 225	326	1 141	512	566 104	49 9	14
Less than 10 percent	3 379 5 143	3 232 4 959	1 012 1 864	1 893 2 666	240 364	87 65	147 184	34 57	111	11 18	5
20 to 24 percent	3 452 2 377	3 301 2 278	1 482 1 195	1 510 930	251 110	58 43	151 99	43 39	90 55	5	-
25 to 34 percent 35 percent or more	2 598	2 444	1 576	729 881	101 127	38 19	154 357	97 223	51 125	6 -	9
Not computed	4 547 829	4 190 780	3 163 585	147	32	16	49	19	30	-	-
HEATING EQUIPMENT			0.0:=	0.140	210	121	394	45	339	10	_
Steam or hot water————————————————————————————————————	5 809 1 050	5 415 1 039	2 842 571	2 140 374	312 68	26	11	6	5 8	- 4	-1
Floor, wall, or nineless furnace	415 296	399 296	226 135	137 120	26 37	10	16	_	~	29	10
Other means None	14 698 96	13 988 86	7 068 40	5 984 35	771 11	165	710 10	457	214	6	4

*Limited to one-family homes on less than 10 acres and no business on property. *Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	Data based on so	ample, see text.	For minimum bo	ise for derived fi	gures (percent, r	nedian, etc.) and	meaning of syml	ools, see text)		
Fall River	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units Units with 1 or more bothrooms and complete kitchen facilities for exclusive	10 624	4	48	217	1 317	3 304	3 181	1 269	1 284	5.6
use, and direct access	10 425	6	44	209	1 300	3 223	3 144	1 198	1 301	5.6
1 person2 persons	1 332 3 344	4	26 10	87 93	230 687	430 1 044	345 918	125 289	85 303	5.2 5.3
3 persons 4 persons	2 127 1 562	-	12	23 14	278 81	718 497	673 552	223 240	303 200 178	5.3 5.5 5.8 6.0
5 persons 6 persons or more	1 088 1 171	-	-	_	20 21	353 262	344 349	167 225	204 314	6.4
MedianPLUMBING FACILITIES BY PERSONS PER ROOM	2.8		• • •	1.7	2.1	2.7	3.0	3.5	3.8	••••
With all plumbing facilities	10 501	4	48	201	1 291	3 287	3 148	1 248	1 274	5.6
0.50 or less 0.51 to 1.00	5 825 4 068	- 4	26 10	75 112	897 353	1 465 1 560	1 906 1 077	622 571	834 381	5.7 5.5
1.01 to 1.50	537 71	-	12	14	36 5	226 36	158	44 11	47 12	5.4
Lucking some or all plumbing facilities	123	-	-	16 12	26 20	17	33 30	21 15	10 5	5.6
0.51 to 1.00	27	-	-	4	6	8	3	6	5	.,.
1.51 or more	-	-	-	Ξ	_	_	_	-	=	
BEDROOMS				10.4	100		20			20
None and 1	473 ! 3 398	-	45 	124 76	183 1 099	82 1 575	39 565	49	34	3.9 4.8
34 or more	4 473 1 682		-	-	70 -	1 516 53	2 094 336	642 489	151 804	5.8 7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	74	-	-	-	10	36	15	6	7 32	5.2
1960 to 1968	577 1 159	-	- 8	5 26	116 214	242 420	98 327	84 106	58	5.3
1949 or earlier	8 814	4	40	186	977	2 606	2 741	1 073	1 187	5.7
l and 1 1/2	9 388	6	44	199	1 265	3 087	2 897	986	904	5.5
2 or more	1 076	-	-	15 17	47 20	158 82	247 29	212 28	397 13	6.8 5.2
None or also used by another household VALUE-INCOME RATIO	107	_	-	17	20	02	29	20	13	3.1
Specified owner occupied:	5 193	_	13	35	447	1 176	1 530	874	1 118	6.1
Less than 1.5	2 297	_	3	11	149 114	480 264	627 373	418 199	609 168	6.3 6.0
2.0 to 2.9	. 901	_	10	4	81	243	270 229	124 129	169	5.9 6.0
3.0 or more Not computed		-	_	20 ~	98 5	178 11	31	4	154 18	0.0
Renter occupied housing units	22 364	495	735	3 848	6 637	6 711	3 165	613	160	4.4
Units with 1 or more bothrooms and complete kitchen facilities for exclusive		,,,,		0 010	0 007					
use, and direct access		43	633	3 334	5 990	6 308	3 108	551	150	4.5
PERSONS										
) person	6 459	462 20	495 204	2 041 1 241	1 729 2 302	860 1 816	358 755	31 115	20 6	3.5 4.3
3 persons		9 ~	15 5	381 96	1 385 784	1 438 1 188	672 600	132 143	18 23	4.7 4.9
5 persons 6 persons or more	1 577	4	10	45 44	297 140	719	359 421	107 85	36 57	5,1 5.3
Median	2.3	1.0	1.2	1.4	2.2	3.0	3.2	3.7	4.9	•••
PLUMBING FACILITIES BY PERSONS PER ROOM	03.000	,,,,							154	
With all plumbing facilities	10 882	173	672 451	3 625 1 888	6 377 3 833	6 526 2 591	3 111 1 771	583 264	1 56 84	4.5 4.3
0.51 to 1.00 1.01 to 1.50	1 225	144	190 10	1 557 96	2 124 357	3 267 550	1 121 212	315	72	4.6 4.8
1.51 or more Lacking some or all plumbing facilities	- 326 - 1 141	29 322	21 63	84 223	63 260	118 185	7 54	4 30	4	4.0 3.3
0.50 or less	_ 512	- 318	44 14	153 65	198 45	85	14 30	14 16	4	3.8 1.4
1.01 to 1.50 1.51 or more	_ 49	<u> </u>	5	- 5	12	22	10		-	
BEDROOMS		·		_	_					
None		354	9	17			-	~	-	
23 or more	- 10 664	-	688	2 482 1 548	536 5 669	2 691	712 712	- 44 507	=	3.0 4.2
YEAR STRUCTURE BUILT	/ 030	_	_	_	376	3 686	2 364	507	117	5.4
1969 to March 1970	_ 173	_	16	45	99	9	4	_	~~	3.8
1960 to 1968	- 707 867	13	265 10	162 101	134 323		53 75	- 1	9	3.0 4.3
1949 or earlier		416		3 540	6 081	6 345	3 033	613	145	4.5
COMPLETE BATHROOMS										
1 and 1 1/22 or more	_ 218	144	628 19	3 418 11	6 018 31	42	3 116 27	554 12	94 63	4.5 5.3
None or also used by another household GROSS RENT AS PERCENTAGE OF INCOME	1 788	428	78	344	514	265	111	42	6	3.6
Specified renter occupied2	22 325	495	730	3 843	6 621	6 711	3 160	605	160	4.4
Less than 10 percent	3 379	78 98	41	345 472	862 1 513	1 212	648	149 173	44	4.8
15 to 19 percent 20 to 24 percent	. 3 452	62 67	107	453	961	1 202	915 554	101	12	4.6
25 to 34 percent	2 598	66	111	470 642	699 865	661 533	300 312	69 28	7	
35 percent or more	4 547 829	106 18	209 49	1 322 139	1 489 232	1 036	318 113	45 40	22 47	3.9
						1	l			.1

Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

		Owner oc	cupied					Renter o	ccupied	···		
Fall River	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home of trailer
All occupied housing units	10 624	5 323	5 266	35	22 364	759	2 953	11 207	5 930	886	623	6
ROOMS												
1 room	4 48 217 1 317 3 304 3 181 1 269 1 284 5.6	13 40 452 1 220 1 551 903 1 144 6.1	4 35 172 845 2 074 1 630 366 140 5.3	- 5 20 10 - - -	495 735 3 848 6 637 6 711 3 165 613 160 4.4	24 20 69 163 138 133 131 81 5.3	13 47 313 892 1 012 543 93 40 4.7	28 121 1 650 2 744 4 229 2 078 318 39 4.8	25 245 1 496 2 495 1 221 377 71 - 4.0	218 78 187 297 100 6 3.3	187 224 133 40 11 28 	- - - - - -
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 1.55 or more 1.55 or less 0.51 to 1.00 1.55 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	10 501 5 825 4 068 537 71 123 91 27 5	5 255 3 061 1 959 224 11 68 55 8	5 211 2 743 2 095 313 60 55 36 19	35 21 14 	21 223 10 882 8 790 1 225 326 1 141 512 566 49 14	738 356 341 23 18 21 15 6	2 885 1 746 973 115 51 68 31 32 5	10 780 5 387 4 635 628 130 427 272 133 17 5	5 648 2 804 2 383 373 88 282 159 94 20	664 317 257 57 33 222 30 185 7	502 272 201 23 6 121 5 116	6 - 6
BEDROOMS												j
None	10 463 3 398 4 473 1 682	181 1 198 2 268 1 354	10 282 2 200 2 205 328	1 1 1 1	380 3 897 10 664 6 540 510	9 56 238 261 154	291 1 656 866 72	48 1 375 5 317 4 154 127	50 1 524 3 021 1 125 139	154 288 371 96	119 363 61 38 18	-
YEAR STRUCTURE BUILT												
1989 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1959 1939 or earlier	74 249 328 1 159 655 8 159	65 230 298 1 053 466 3 211	9 11 19 101 189 4 937	8 11 5 -	173 557 150 867 1 335 19 282	5 37 42 48 95 532	33 12 93 151 2 664	20 79 43 497 524 10 044	89 147 22 143 305 5 224	54 56 16 204 556	5 205 25 70 56 262	6
INCOME IN 1969												
less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	848 560 455 420 570 664 2 378 2 964 1 345 420 \$9 300	307 190 162 140 229 326 1 167 1 547 891 364 \$10 500	541 370 288 276 336 332 1 196 1 417 454 56 \$8 200	5 4 5 6 15	3 887 2 314 1 901 1 684 1 705 1 778 4 729 3 540 732 94 \$5 800	109 66 52 60 52 61 172 150 28 9	395 238 213 197 280 227 734 516 124 29 \$6 700	1 717 1 061 898 846 751 899 2 553 2 050 405 27 \$6 400	1 200 611 581 452 506 510 1 127 750 164 29 \$5 200	213 222 96 80 65 61 104 39 6	253 116 61 49 51 14 39 35 5	6
YEAR MOVED INTO UNIT												İ
1969 to March 1970	578 460 434 793 1 642 3 087 3 659	249 203 156 431 881 1 764 1 558	315 249 270 362 746 1 316 2 101	14 8 8 15 7	4 763 2 359 2 053 3 091 3 422 3 340 3 320	138 79 63 108 88 138	525 254 308 373 433 521 572	2 170 1 208 950 1 630 1 785 1 751 1 721	1 424 647 512 784 912 765 805	333 67 90 102 171 83 50	150 104 130 94 33 82 66	23
GROSS RENT Specified renter occupied	•••				22 325	720	2 953	11 207	5 930	886	623	6
less than \$50 \$50 to \$59 \$60 to \$60 \$70 to \$77 \$80 to \$79 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more Median Median	.,,,				1 837 1 673 2 718 3 571 7 190 3 294 1 264 321 61 24 372 \$83	39 45 41 104 130 79 58 48 29 5 142 \$88	154 149 356 569 836 497 226 55 12 - 99 \$84	500 842 1 338 1 676 4 030 1 909 647 141 15 15 94 \$86	500 417 845 1 085 1 989 723 281 62 - 4 24 \$81	345 153 74 100 104 65 30 10 5 - - \$56	299 67 64 37 101 21 22 5 - 7	6
HEATING EQUIPMENT												
Sitem or hat water	6 778 1 001 157 213 2 475	3 909 673 136 123 482	2 869 293 21 90 1 993	35	5 809 1 050 415 296 14 698 96	333 87 12 327	1 086 116 20 60 1 654 17	2 194 370 109 133 8 362 39	1 132 294 173 74 4 217 40	640 76 52 24 94 -	424 101 49 5 44	6
AIR CONDITIONING Room unit(s)	1 095 68 9 490	606 60 4 576	481 8 4 870	8 - 44	991 38 21 319	80 640	169 8 2 809	457 11 10 747	257 13 5 579	28 - 868	6 653	23
AUTOMOBILES AVAILABLE 1 2 3 or more	5 478 3 235 494 1 446	2 574 1 953 341 374	2 867 1 274 153 1 065	37 8 -	10 936 2 426 304 8 682	428 77 32 183	1 572 538 28 848	5 712 1 292 191 4 020	2 733 493 38 2 585	302 26 15 553	166 - 493	23 - - -

Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

ſ	Data dasea on	sample, see te	XI. TOT MININ	ioni base for		re-person ho					One-person h	ouseholds
Fall River		N	Nale head, wife	present, no i	nonrelatives		Other mal	e head	Female	head		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	10 624	62	725	1 566	4 147	1 299	302	97	657	437	622	710
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00	10 501 5 825 4 068	62 17 38	719 169 481	1 561 209 1 135	4 126 1 984 1 873 238	1 282 1 093 185	296 188 98 10	93 69 16 8	642 454 169 19	432 358 69	590 586 4	698 698
1.01 to 1.50	537 71 123 91 27 5	7 	57 12 6 6	193 24 5 - - 5 -	31 21 4 17 -	17 14 3 -	6 6 -	4	15 8 7 -	5 5 -	32 32	12
UNITS IN STRUCTURE	5 323	14	347	826	2 166	605	202	72	379	190	277	245
2 or more	5 266 35	48	374 4	740	1 960 21	694	100	25	278	247	335 10	465
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,099 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$5,000 to \$6,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 or more Median	848 560 455 420 570 664 2 378 2 964 1 345 420 \$9 300	11 4 20 17 -	10 13 43 57 228 311 51 12 \$10 200	30 6 6 19 53 85 432 654 213 68 \$11 200	54 24 66 98 151 244 1 036 1 444 801 229 \$11 400	104 240 170 144 78 61 157 166 123 56 \$4 900	5 10 10 5 5 31 109 80 28 19 \$9 300	20 4 11 5 10 29 12 6	26 52 74 18 49 61 167 130 65 15 \$7 900	58 33 10 54 33 41 43 41 43 15 \$6 700	149 67 58 39 94 38 107 49 15 6	402 118 330 48 32 24 20 - \$2000 -
VALUE-INCOME RATIO Spacified owner occupied* Less than 1.5. 1.5 to 1.9. 2.0 to 2.4. 2.5 to 2.9. 3.0 to 3.9. 4.0 or more Not computed	5 193 2 297 1 118 604 297 336 472 69	14 10 4 - -	347 83 145 50 31 38	821 388 223 112 37 36 21	2 095 1 163 449 258 92 75 58	577 228 60 49 39 71 125 5	202 95 56 25 5 16 5	72 22 16 9 9 - 10 6	362 149 69 40 38 24 42	190 75 43 16 5 28 19	268 70 40 27 17 18 81	245 14 13 18 24 30 111 35
Renter occupied housing units	22 364	1 355	3 015	2 059	4 489	1 840	454	163	2 444	549	3 039	2 957
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	1 141 512 566 49	1 334 451 853 26 4 21 - 10	2 986 522 2 040 325 99 29 24 5	2 020 244 1 341 334 101 39 - 28 11	4 339 1 885 2 060 318 76 150 33 90 22 5	1 786 1 058 694 29 5 54 27 27	433 222 173 25 13 21 10 6	141 85 56 - - 22 22 22	2 354 967 1 201 158 28 90 28 58	521 283 228 10 	2 678 2 571 107 	2 631 2 594 37
UNITS IN STRUCTURE 1	14 160 6 816	47 824 470 14 -	94 2 059 839 17 6	68 1 445 523 23	154 3 181 1 135 19	56 1 164 558 62	29 315 110	15 83 65	112 1 494 803 35	21 395 122 11	88 1 664 1 082 205	75 1 536 1 109 237
GROSS RENT Specified renter occupied? Less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more No cash rent	1 837 1 673 2 718 3 571 7 190 3 294 1 264 321 61	254 99 31 	2 997 44 81 186 425 1 181 690 289 44 11 14 32	2 059 20 72 159 364 786 461 126 36 11	4 489 90 193 385 889 1 866 658 283 52 11 6	1 840 213 169 389 285 452 220 53 10	454 20 39 46 58 148 79 39 10 -	158 15 15 15 42 35 35 5 6	2 438 254 245 250 345 636 401 198 81 5	549 35 40 75 96 193 60 26 5 6	3 039 416 297 484 488 883 309 102 9 10	2 952 704 475 583 410 412 157 43 43 7
GROSS RENT AS PERCENTAGE OF INCOMI BY INCOME Specified renter occupied? Less than 55,000 Less than 20 percent 20 to 24 percent 35 percent or more Not computed \$5,000 to \$9,999 Less than 20 percent 20 to 24 percent 35 percent or more Not computed \$10,000 to \$14,999 Less than 20 percent 20 to 24 percent 25 percent or more Not computed \$15,000 or more Less than 20 percent 20 to 24 percent 25 percent or more Not computed \$15,000 or more Less than 20 percent 20 to 24 percent 25 percent or more Not computed \$15,000 or more Not computed	22 325 9 770 914 1 377 2 315 4 502 662 8 189 6 800 989 272 3 4 3 540 3 441 11 22 66 819	110 5 843 651 132 60 - - 167 167 - - 5 5	2 997 338 21 63 77 144 33 1 751 1 470 200 46 19 16 819 804 - 5 10 89 89	2 059 263 40 50 78 79 16 1 048 887 135 21 55 622 592 6 5 19 126	4 489 679 97 131 223 199 29 2 017 1 747 56 6 29 1 378 1 346 1 15 415 415	1 840 1 173 162 236 307 419 49 442 365 49 18 10 157 146 61 -	454 109 27 4 20 43 15 240 190 31 9 - 10 79 79 - - - 26 26	158 93 20 5 28 35 53 53 7 7	2 438 1 527 119 209 372 723 104 711 558 125 19 5 4 146 146	549 2755 422 366 72 113 198 136 422 11 - - 9 59 - - - - 177	604 869 126 752 639 82 22 4 5 91 80	

Limited to one-family homes on less than 10 acres and no business on property.

Excludes one-family homes on 10 acres or more

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

Owner occupied housing units BEDROOMS None and 1 2 3 4 or mare YEAR STRUCTURE BUILT 1959 to March 1970 1955 to 1968 1990 to 1959 1940 to 1949 1930 or earlier UNITS IN STRUCTURE 1 2 or more	10 624 473 3 398 4 473 1 682	1 332 1 49 720	2 persons 3 344	3 persons	4 persons 1 562	5 persons	ბ persons 598	7 persons 294	8 persons or more	Median
REDROOMS None and 1 2 3 4 or mare YEAR STRUCTURE BUILT 1989 10 March 1970 1965 to 1968 1960 to 1964 1990 to 1949 1939 or earlier UNITS IN STRUCTURE 1 2 or more Mobile home or trailer COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more None or also used by another household HOUSEHOLD COMPOSITION Twe-rmera-parson households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 45 to 64 years 45 years and over Cither male head Under 65 years 65 years and over Female head Under 65 years 65 years and over Female head Under 65 years 65 years and over Female head Under 65 years 65 years and over Gene-persen households VALUE-INCOME RATIO	473 3 398 4 473	149 720	,	2 127	1 562	1 088	598	294	279	2.8
None and 1 2 3 4 or mare YEAR STRUCTURE BUILT 1959 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier UNITS IN STRUCTURE 1 2 or more Mobile home or trailer COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or do 2 1/2 3 or more None or also used by another household HOUSEHOLD COMPOSITION INDO-mere-person households Wale head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Citler male head Under 65 years 65 years and over Genepartee households VALUE-INCOME RATIO	3 398 4 473	720	244	}						
1959 to March 1970 1955 to 1958 1950 to 1958 1960 to 1954 1990 to 1959 1940 to 1949 1939 or earlier 2 or more		527 142	1 620 848 327	48 690 920 202	32 197 911 189	151 783 185	20 277 207	152 166	 55 264	1.9 2.1 3.4 4.4
UNITS IN STRUCTURE 1 2 or more	74 249 328 1 159 655	5 16 93 70 1 148	20 72 80 381 277 2 514	11 64 82 314 101 1 555	19 46 78 189 97 1 133	13 46 40 63 67 859	11 11 25 72 28 451	- - 7 18 4 265	29 11 234	3.2 3.3 2.8 2.4 2.8
1 and 1 1/2 2 and 2 1/2 3 ard 20 1/2 3 ard more	5 323 5 266 35	522 800 10	1 702 1 631 11	1 Q45 1 O68 14	830 732	576 512 -	339 259 -	147 147 -	162 117 -	2.9 2.7
INDO-mare-parson households. Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Under 65 years 65 years and over Female head Under 65 years 65 years and over Gat-parson households VALUE-INCOME RATIO	9 388 882 194 189	1 084 61 19 66	3 084 240 38 34	1 928 182 45 51	1 472 133 9 5	843 119 49 27	516 69 27 -	251 34 7	210 44 6	2.8 3.3 3.4 2.3
VALUE-INCOME RATIO	9 292 7 799 62 725 1 566 4 147 1 299 309 302 97 1 094 657 437 1 332	1 332	3 344 2 500 6 68 74 1 401 951 217 143 74 627 345 282	2 127 1 757 18 166 192 1 123 258 777 68 9 293 170 123	1 562 1 451 8 1999 415 782 47 300 24 6 81 599 22	1 088 1 002 19 186 376 397 24 23 23 - 63 63	598 556 8 555 234 249 10 29 29 13 8 5	294 272 3 22 143 99 5 13 5 8 9	279 261 29 132 96 4 10 10 	3.1 3.3 4.1 4.8 3.1 2.2 2.4 2.6 2.4 2.5 2.3 1.0
Specified owner occupied	5 193 2 297 1 118 604 297 336 472 69	513 84 53 45 41 48 192 50		994 487 205 153 71 41 33	373	309 128 63 17 27	158 105 43 22 5	147 98 20 9 10	162 134 22 6 - - -	2.9 3.3 3.2 3.0 2.8 2.3 1.7
Renter occupied housing units	22 364	5 996	6 459	4 050	2 839	1 577	728	490	225	2.3
BEDROOMS None	380 3 897 10 664 7 050	322 2 381 2 278 641	1 224 3 755	9 226 2 837 1 225	1 249	233	180	9 110 453	22 201	1.3 2.3 3.7
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	173 557 150 867 1 335 19 282	27 285 60 235 260 5 129	174 44 188 373	42 23 145 317	37 11 75	95 94	38 72	4 4 6 47 50 379	9 -44 12 160	2.1 1.5 1.8 2.6 2.6 2.3
UNITS IN STRUCTURE 1 2 3 and 4 5 to 9 10 to 19 20 or mare Mobile home or trailer	759 2 953 11 207 5 930 886 623	163 693 2 507 1 756 435 442	998 3 237 1 732 1 194	572 2 145 1 069 98	305 5 1 647 684 3 57	233 863 350 49	53 429 175 40 5	241 126 5	13 20 138 38 8 8	2.8 2.3 2.5 2.2 1.5 1.2
COMPLETE BATHROOMS 1 and 1 1/2 2 or mare. None or also used by another household	20 342 218 1 788	5 095 61 943	40) 39	2) 25	5 21	15	[12]	194 12 20	2.3 2.8 1.4
HOUSEHOLD COMPOSITION Two-er-more-person households Male head, wite present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years ond over	16 368 12 758 1 355 3 015 2 059 4 489 1 840 617 454 163 2 993 2 444		4 592 567 567 197 1 847 1 422 355 233 122 1 512 1 088	2 3 14' 54' 7 54' 73' 7 42' 7 1 15' 2 2 2 14' 3 1 12' 2 2 76' 1 68'	2 415 2 20 2 89 4 48 4 48 7 5 7 5 7 2 37 2 34 7 2 2	1 34 7 34 8 45 8 45 8 2 8 2 7 2 7 2 8 2 8 2 7 2 8 2 9 2 9 2 9 2 9 2 9 3 9 3 9 45 9 3 9 45 9 3 9 45 9 3 9 45 9 45 9 45 9 45 9 45 9 45 9 45 9 45	0 640 3 205 0 262 0 158 4 15 7 21 0 67 5 67 5 67	424 	228 208 6 46 64 80 12 - - 17 17	2.9 3.1 2.7 3.7 4.3 2.8 2.1 2.5 2.2 2.5 2.7 2.1
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied? Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	5 996 22 325 3 379 5 143	5 996 5 99 203 45	6 454	4 4 04 6 94	5 2 82 2 69	3 1 57 3 31	9 18	1 107	58 52	3.1

¹Limited to one-family homes on less than 10 acres and no business an property. ²Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

Fall River	Total	Less than 2 months	2 up to 6 months	6 months or more	Fall River	Total	Less than 2 months	2 up to 6 months	ó months or more
Vacant for sale	31	11	12	8	Vacant for rent	734	325	275	134
ROOMS					ROOMS				
1 to 3 rooms 4 rooms 5 rooms 7 rooms PLUMBING FACILITIES	6 4 8 13	3 4 4 -	3 - 9	- - 4 4	1 room	11 60 179 236 183 61	8 12 78 118 86 19	- 32 52 91 74 26	3 16 49 27 23 16
With all plumbing facilities	28	ρ	12	я	7 rooms or more	4	4	-	-
Lacking some or all plumbing facilities	Ĩ	3	-	-	PLUMBING FACILITIES				1
None and 1					With all plumbing facilities Lacking some or all plumbing facilities	655 79	305 20	241 34	109
3	47	17	15	15	BEDROOMS				ļ
4 or more	-	-	-	-	None	42	28	_	14
YEAR STRUCTURE BUILT			1		12	268 319	74 119	118 133	76 67
1969 to March 1970	- 4 3	- 4 -	- - 3	- - -	3 or more YEAR STRUCTURE BUILT	137	123	14	-
1949 or earlier	24	7	9	8	1969 to March 1970	13		,	2
UNITS IN STRUCTURE 1	20 11	4 7	12	4	1940 to 1948 1950 to 1959 1949 or earlier	10 13 700	7 3 309	3 10 259	132
HEATING EQUIPMENT	İ	ľ		Ì	UNITS IN STRUCTURE				
Steam or hot water	24 3 - 4	4 3 - - 4	12 - - - - -	8 - - - -	1	347 321 43 23	172 124 16 13	126 133 6 10	49 64 21
SALES PRICE ASKED					RENT ASKED	ļ]		
Specified vacant for sale¹ Less than \$5,000 . \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$20,000 to \$24,999 \$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$50,000 or more Median price osked	- 4 4 5 3 4	4	12 - - 5 3 4 -	4	Specified vacant for rent ² Less than \$50 \$50 to \$59 \$60 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 or more Median rent asked	734 297 91 221 71 26 13 7 8 \$558	325 117 29 106 43 23 3 4 - \$63	275 111 32 91 17 3 10 3 8 \$58	134 69 30 24 11

Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

F N D	Sales price asked — Vacant for sale ¹							Rent asked — Vacant for rent2						
Fall River	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less \$60 \$80 \$100 than to to to al \$60 \$79 \$99 \$149			\$150 lo \$199	\$200 or more	
Total	20		4	4	5	3	4	734	388	221	71	39	7	
PLUMBING FACILITIES														
With all plumbing facilities Lacking some or all plumbing facilities	15 -	-	-	-		15	_	732 34	424 34	150	81	77 —		-
BEDROOMS							j							J
None and 1	15	- - -	- - -	-	- - -	15	-	310 319 123	151 221 72 14	80 51 19	48 33 -	31 14 32	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	- 3 17	-	- - 4	- - 4	- - - 5	- - 3 -	- - - 4	11 10 13 700	6 4 12 366	- 3 1 217	2 - - 69	3 3 - 33	- - 7	- - 6
UNITS IN STRUCTURE														
1 2 to 4 5 to 19 20 or more		•••		•••	•••	•••	 	347 364 23	199 180 9	104 109 8	17 54	19 14 6	 	8 -
INCLUSION OF UTILITIES IN RENT														
All utilities included Some or no utilities included			•••			•••		166 568	85 303	34 187	26 45	17 22	4 3	ã

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports,

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin, Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, Standard Metropolitan Statistical Areas: 1967, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city. and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

Self-enumeration and census questionnaire.-As stated in the introductory text of this report, the 1970 census was conducted primarily through selfenumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Comparability with 1960 data,-Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechancial refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

Housing units.-A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent — for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.— Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States — Arizona, California, Colorado, New Mexico, and Texas — household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, households heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Year moved into unit.-Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.-(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Yearround" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered yearround. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant yearround units "for rent" also include vacant units offered either for rent or for sale. Duration of vacancy.-(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers, utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

Persons per room.—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms.-(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which airconditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.-(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.). if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude onefamily houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

Gross rent as percentage of income.— The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no nonrelatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Family or primary individual.— Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits: net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

A. How many living quarters, occupied and vacant, are	H9. Are your living quarters-	FOR CENSUS
at this address?	Owned or being bought by you or by someone else	ENUMERATOR'S USE
O One	in this household? Do not include cooperatives and	
2 apartments or living quarters	condominiums here.	a4. Block a5. Serial
3 apartments or living quarters	A cooperative or condominium which is owned or being	number number
 4 apartments or living quarters 	bought by you or by someone else in this household?	N
 5 apartments or living quarters 	Rented for cash rent?	N 000000000
○ 6 apartments or living quarters	Occupied without payment of cash rent?	100010001
 7 apartments or living quarters 		200020002
 8 apartments or living quarters 	UIA- I-ship hullibras and the Land	N 300030003
9 apartments or living quarters	H10a. Is this building a one-family house?	N 400040004
10 or more apartments or living quarters	O Yes, a one-family house	
 This is a mobile home or trailer 	O No. a building for 2 or more families	N
• 🖫	or a mobile home or trailer	500050005
	b. If "Yes"— Is this house on a place of 10 acres or more,	600060006
Answer these questions for your living quarters	or is any part of this property used as a commercial	800080008
	establishment or medical office?	N 900090009
H1. Is there a telephone on which people in your living	O Yes, 10 acres or more	N 3000 3000
quarters can be called?	O Yes, commercial establishment or medical office	N
O Yes What is	O No, none of the above	N
O No the number?	1 140, Holle of the above	B. Type of unit or quarters
Phone number		Occupied
	H11. If you live in a one-family house which	O First form
H2. Do you enter your living quarters-	you own or are buying-	O Continuation
O Directly from the outside or through	What is the value of this property; that is, how much	N
a common or public hall?	do you think this property (house and lot) would sell for	Vacant
O Through someone else's living quarters?	if it were for sale?	O Regular
	O Less than \$5,000 If this house	O Usual residence
	- \$5,000 to \$7,499 is on a place	elsewhere
H3. Do you have complete kitchen facilities?	O \$7,500 to \$9,999 of 10 acres or	
Complete kitchen facilities are a sink with piped	more, or if	Group quarters
water, a range or cook stove, and a refrigerator.	O \$10,000 to \$12,499 any part of \$12,500 to \$14,999 this property	O First form
○ Yes, for this household only	\$12,500 to \$14,999 this property \$15,000 to \$17,499 is used as a	O Continuation
O Yes, but also used by another household	0 \$17,500 to \$19,999 commercial	2 1 1 11
No complete kitchen facilities for this household	establishment	For a vacant unit, also fill
	○ \$20,000 to \$24,999 or medical	C, D, A, H2 to H8, and
144. How many rooms do you have in your living quarters?		H10 to H12
Do not count bathrooms, porches, balconies, foyers,	• \$35,000 to \$49,999 not answer	
halls, or half-sooms.	• \$50,000 or more this question.	
○ 1 room ○ 6 rooms		Ν
○ 2 rooms ○ 7 rooms	H12. Answer this question if you pay rent for your living quarters.	C. Vacancy status
○ 3 rooms ○ 8 rooms	a. If rent is paid by the month—	Year round-
O 4 rooms O 9 rooms or more		k1
O 5 rooms	What is the monthly rent?	O For rent
		O For sale only O Rented or sold, not
H5. Is there hot and cold piped water in this building?	Write amount here	occupied or sola, not
O Yes, hot and cold piped water in this building		O Held for occasional use
O No, only cold piped water in this building	and C Less than \$30	O Other vacant
O No piped water in this building	Fill one circle \$30 to \$39	N 3 States Industria
	0 \$40 to \$49	O Seasonal
	0 \$50 to \$59	O Migratory
H6. Do you have a flush toilet?		N =
O Yes, for this household only	O \$60 to \$69	N m
 Yes, but also used by another household 	O \$70 to \$79	N
O No flush toilet	○ \$80 to \$89	D. Months vacant
200	O \$90 to \$99	O Less than 1 month
	○ \$100 to \$119	O 1 up to 2 months
H7. Do you have a bathtub or shower?	O \$120 to \$149	O 2 up to 6 months
Yes, for this household only	O \$150 to \$199	O 6 up to 12 months
Yes, but also used by another household	O \$200 to \$249	O 1 year up to 2 years
No bathtub or shower	O \$250 to \$299	O 2 years or more
- 110 2011100 01 010401	O \$300 or more	N
Life to there a harmont in ALT. S. W. H.		-Ŋ c/o
H8. Is there a basement in this building?	b. If rent is not paid by the month—	N
O Yes	What is the rent, and what period of time does it cover?	N
O No, built on a concrete slab		Ŋ
O No, built in another way (include mobile homes	\$.00 per	Ν
and trailers)	(Nearest dollar) (Week, half-month, year, etc.	N
	, [- '= ''= '' - '' - '' - '' - '' - ''	T I N I

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

	Cina A		
	H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for— a. Electricity? O Yes, average monthly cost is ->	H19. Do you get water from— A public system (city water department, etc.) or private company? An individual well? Some other source (a spring, creek, river, cistern, etc.)?	
	O No, electricity not used b. Gas? O Yes, average monthly cost is \$.00 O No, included in rent O No, gas not used	H20. Is this building connected to a public sewer? Yes, connected to public sewer No, connected to septic tank or cesspool No, use other means	
	c. Water? O Yes, yearly cost is No, included in rent or no charge \$.00 C Oil, coal, kerosene, wood, etc.? O Yes, yearly cost is No, included in rent Yearly cost	H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathlub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathlub or shower, but does not have all the facilities for a complete bathroom. No bathroom, or only a half bathroom	15
	No, these fuels not used H14. How are your living quarters heated? Fill one circle for the kind of heat you use most. Steam or hot water system Central warm air furnace with ducts to the individual rooms, or central heat pump Built-in electric units (permanently installed in wall, ceiling.	1 complete bathroom 1 complete bathroom, plus half bath(s) 2 complete bathrooms 2 complete bathrooms, plus half bath(s) 3 or more complete bathrooms	percent
15 and 5 percent	or baseboard) Floor, wall, or pipeless furnace Room heaters with flue or vent, burning gas, oil, or kerosene Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) Fireplaces, stoves, or portable room heaters of any kind	H22. Do you have air-conditioning? Yes, 1 individual room unit Yes, 2 or more individual room units Yes, a central air-conditioning system No H23. How many passenger automobiles are owned or regularly used	
	In some other way—Deccribe—— None, unit has no heating equipment H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. 1969 or 1970 1950 to 1959	by members of your household? Count company cars kept at home. None 1 automobile 2 automobiles 3 automobiles or more	
	O 1965 to 1968 O 1940 to 1949 O 1960 to 1964 O 1939 or earlier		
	H16. Which best describes this building? Include all apartments, flats, etc., even if vacant. A one-family house detached from any other house A one-family house attached to one or more houses A building for 2 families A building for 3 or 4 families A building for 5 to 9 families A building for 10 to 19 families A building for 10 to 19 families A building for 20 to 49 families		
	A building for 50 or more families A mobile home or trailer Other— Describe Describe		
	#17. Is this building— On a city or suburban lot?— Skip to H19 On a place of less than 10 acres? On a place of 10 acres or more?		
	H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to— Cless than \$50 (or None) \$2,500 to \$4,999 \$50 to \$249 \$250 to \$249 \$250 to \$2,499		

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

O Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe — ○ None, unit has no heating equipment M15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. ○ 1969 or 1970 ○ 1950 to 1959 ○ 1965 to 1968 ○ 1940 to 1949 ○ 1960 to 1964 ○ 1939 or earlier M16. Which best describes this building? Include all apartments, flats, etc., even if vacant. ○ A one-family house detached from any other house ○ A building for 3 for 4 families ○ A building for 5 to 9 families ○ A buil	H13 Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for— a. Electricity? Yes, average monthly cost is	H24a How many stories (floors) are in this building? 1 to 3 stories 4 to 6 stories 7 to 12 stories 13 stories or more b. If 4 or more stories— Is there a passenger elevator in this building? Yes No
O Yes, yearly cost is O No, included in ret or no charge d. Oil, coal, kerssene, wood, etc.? ○ Yes, yearly cost is ○ No, those fuels not used H14. How are your living quarters heated? Fill neer circle for the kind of heat you are most. ○ Steam or hot water system ○ Central warm air furnace with ducts to the individual nooms, or central heat yung ○ Built-in electric units / permanently installed in wall, ceiling, or bateboard) ○ Floor, wall, or pipeless furnace ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene, etc. ○ No fuel used ○ ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters with the or vent, burning gas, oil, or kerosene ○ Room heaters without the or vent, burning gas, oil, or kerosene ○ Room heaters without the or vent burning or vent of the or vent of the or vent of the or vent of the or vent of the or vent of the or vent of the or vent of the or	No, included in rent No, gas not used	From underground pipes Gas serving the neighborhood, O Coal or coke O
O Yes, yearly cost is		Electricity Other fuel O
Fill are circle for the kind of beat you are most. Steam or hot water system Central warms in furnace with ducks to the individual rooms, or central heat pump Built-in electric units / permanently installed in wall, ceiling, or bischoard) Fill are hostedward in the properties for many of the room heaters without theor ovent, burning gas, oil, or kerosene (Room heaters without theor ovent, burning gas, oil, or kerosene (Room heaters without theor ovent, burning gas, oil, or kerosene (Room heaters without ovent, burning gas, oil, or kerosene (Room heaters without the or vent, burning gas, oil, or kerosene (Room heaters without the or vent, burning gas, oil, or kerosene (Room heaters without the or vent, burning gas, oil, or kerosene (Room heaters without the waster of the full of the f	O Yes, yearly cost is	From underground pipes Gas serving the neighborhood. O Coal or coke O
Central warm air furnace with ducts to the individual rooms, or central heat pump Built-in electric units (permanently installed in wall, ceiling. or bateboard) Floor, wall, or pipeless furnace Room heaters with flue or vent, burning gas, oil, or kerosene Room heaters with flue or vent, burning gas, oil, or kerosene (not portable) Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe None, unit has no heating equipment H15. About when was this building or grignally built? Mark when the building wall first constructed, not when it was remodeled, added to, or converted. 1969 or 1970 1950 to 1959 1960 to 1964 1939 or earlier H16. Which best describes this building? Include all apartments, flats, etc., even ij vacans. A none-family house datached to one or more houses A Duilding for 2 to to 19 families A building for 5 to 19 families A building for 6 to 19 families A building for 5 to 19 families A building for 5 to 19 families A building for 5 to 19 families A building for 5 to 19 families A building for 5 to 19 families A building for 5 to 19 families A building for 5 to 19 families A building for 5 to 19 families A building for 5 to 19 families A bu	1 ====	
O Room heaters with flue or vent, burning gas, oil, or kerosene O Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) O Fireplaces, stoves, or portable room heaters of any kind In some other way—Deteribe O None, unit has no heating equipment H15 About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. O 1965 to 1968 O 1990 to 1959 O 1965 to 1969 O 1960 to 1999 O 1960 to 1999 O 1960 to 1999 or earlier H16. Which best describes this building? Include all apariments, flats, etc., even if vacant. O A one-family house attached to one or more houses O A building for 2 families O A building for 10 to 19 families O A building for 20 to 49 families O A building for 20 to 49 families O A building for 20 to 49 families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families O A building for 50 or more families On a city or suburban lot?—Skip to H24 On a place of less than 10 acres? H17. Is this building— On a city or suburban lot?—Skip to H24 On a place of less than 10 acres?	 Central warm air furnace with ducts to the individual rooms, or central heat pump Built-in electric units (permanently installed in wall, ceiling. 	Gas Serving the neighborhood. Coal or coke Coal Or coke Coal Or coal Or coke Coal Or coal
Solution Solution	Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene Room heaters <u>without</u> flue or vent, burning gas, oil, or	H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.
H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added 10, or converted. 1969 or 1970 1950 to 1959 1965 to 1968 1940 to 1949 1960 to 1964 1939 or earlier 1960 to 1964 1		O 1 bedroom O 4 bedrooms
was first constructed, not when it was remodeled, added to, or converted. 1969 or 1970		O Yes, automatic or semi-automatic
Which best describes this building? Include all apartments, flats, etc., even if vacant. A one-family house ettached from any other house	was first constructed, not when it was remodeled, added to, or conver 1969 or 1970 1950 to 1959 1965 to 1968 1940 to 1949	b. Do you have a clothes dryer?
A none-family house attached to one or more houses A building for 2 families A building for 3 or 4 families A building for 5 to 9 families A building for 10 to 19 families A building for 20 to 49 families A building for 50 or more families A building for 50 or more families A building for 50 or more families A mobile home or trailer Other— Describe Describe On a city or suburban lot?— Skip to H24 On a place of less than 10 acres? O Yes No d. Do you have a home food freezer which is separate from your refrigera Yes, one set Yes, one set Yes, one set Yes, two or more sets No b. If "Yes"— is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? Yes O Yes No H28a. Do you have a television set? Count only sets in working order. Yes, one set Yes, one set Yes, two or more sets No b. If "Yes"— is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? Yes O Yes O No Describe H29. Do you have a battery-operated radio?	H16. Which best describes this building?	○ Yes, gas heated
A building for 5 to 9 families A building for 1C to 19 families A building for 20 to 49 families A building for 50 or more families A mobile home or trailer Other— Describe On a city or suburban lot?— Skip to H24 On a place of less than 10 acres? H28a. Do you have a television set? Count only sets in working order. Yes, two or more sets No b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? Yes No H29. Do you have a battery-operated radio?	A one-family house attached to one or more houses A building for 2 families	O Yes O No
A building for 20 to 49 families A building for 50 or more families A mobile home or trailer Other— Describe Describe If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? Yes, one set Yes, two or more sets No b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? Yes O No H17. Is this building— On a city or suburban lot?— Skip to H24 On a place of less than 10 acres? H29. Do you have a battery-operated radio?	A building for 5 to 9 families A building for 1C to 19 families	O Yes O No
Describe	A building for 50 or more families	Yes, one setYes, two or more sets
On a city or suburban lot?— Skip to H24 On a place of less than 10 acres? H29. Do you have a battery-operated radio?	Describe	
	On a city or suburban lot?— Skip to H24	H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working
H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to— order or needing only a new battery for operation. Yes, one or more No		¥ / ·

5 percent

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- Mark Yes and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.
 - Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark hot water even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of Also used by another household.
- M8. A house has a basement if there is enclosed space in which persons can walk upright under all or part of the building. A house on a concrete slab has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. Owned or being bought means that the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H10. A commercial establishment is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark Yes, 10 acres or more.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- #12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
 - If you pay rent by the month, write in the amount of rent and fill one circle.
 - b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

H14. This question refers to the type of heating equipment and not to the fuel used.

A heat pump is sometimes known as a reverse cycle system.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater—not a built-in electric unit.

H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. Attached means that the house is joined to another house or building by at least one wall which goes from ground to roof.

H17. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a public system. If a well provides water for five or fewer houses or apartments, mark an individual well.
- H20. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an individual room unit for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a central system for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.
 - b. Do not count elevators used only for freight.
- H25. Gas from underground pipes is piped in from a central system such as a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the Yes circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set equipped to receive UHF, (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

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SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renteroccupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities,

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for nonresponses and inconsistencies is given for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5percent sample by designating every fourth 20-percent sample unit as a member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate percent
OCCUPANCY CHARACTERISTICS		FOUIPMENT AND APPLIANCES	
		Heating equipment	. 20
Occupied housing units		Air conditioning	
Tenure		Automobiles available	
Race	ı	Second home	
Spanish heritage		Clothes washing machine	
Year moved into unit	15	Clothes dryer	
MACANON OUL DA OFFICIA		Dishwasher	
VACANCY CHARACTERISTICS		Home food freezer	
Vacant for sale		Tionio rood rroser //////	. •
Vacant for rent		FINANCIAL CHARACTERISTICS	
Duration of vacancy	20	Value	. 20
	j	Sales price asked	
UTILIZATION CHARACTERISTICS		Gross rent	
Number of rooms		Rent asked	
Size of household (persons)		Inclusion of utilities	
Persons per room		in rent	. 20
Bedrooms	5	Value-income ratio	
	ļ	Gross rent as percentage	
PLUMBING CHARACTERISTICS		of income	. 20
Plumbing facilities	20		
Complete bathrooms	15	HOUSEHOLD CHARACTERISTICS	3
		Household composition	
STRUCTURAL CHARACTERISTIC	s	Income	
Complete kitchen	\	moome	
facilities			
Access			
Units in structure			
Mobile home or trailer			
Year structure built	20		
Elevator in structure	5		

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 householdtype groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

	STAGET
1 2 3	Male Head With Own Children Under 18 1-person household 2-person household 3-person household 6-or-more-person household
7-12	Male Head Without Own Children Under 18 1-person to 6-or-more- person households
13-18	Female Head 1-person to 6-or-more- person households
	STAGE II
19 20	<i>Owner Occupied</i> Negro Not Negro
21 22	<i>Renter Occupied</i> Negro Not Negro

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, consistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining fourfifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than 2½ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

- For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone
- 2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

- through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.
- For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated N/2). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to N/2. Subtract this standard error from N/2. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between N/2 and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to N/2, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of N/2 and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated L	Number of housing units in area ²							
number ¹	10,000	25, 000	100,000	250,000	1,000,000	2,500,000	4,000,000	
50	15	15	15	15	15	15	15	
100	20	20	20	20	20	20	20	
250	30	30	30	30	30	30	30	
500	45	45	45	45	45	45	45	
1,000	60	60	65	65	65	65	65	
2,500	90	95	100	100	100	100	100	
5,000	100	130	140	140	140	140	140	
10,000		150	190	200	200	200	200	
15,000	•••	150	230	240	240	240	240	
25,000			270	300	310	310	320	
50,000	•••	•••	320	400	440	440	440	
75,000	•••		270	450	520	540	540	
100,000	•••			490	600	620	630	

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated				Base of percentag	ge		
percentage	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1,4	0.9	0.4	0.3	0.1	0.1
10 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE D. Factor to be Applied to Standard Errors

Chausanninia l	Factor	if sample i	rate is-		Factor if sample rate is—		
Characteristic ¹	20 percent	15 percent	5 percent	- -		15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit		1.1		Heating equipment	8.0	0.9	
Duration of vacancy	0.8		1.7	Air conditioning		1.1	
	'	1 '	1	Automobiles available		1.0	
UTILIZATION CHARACTERISTICS	'	1 '	!	Appliances			1.9
Rooms	1.0	1.1	2.1	í ·			İ
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS	J		i
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms			2.1	Value-income ratio	1.0	1.2	
		'	[]	Gross rent	0.9	1.1	2.1
PLUMBING CHARACTERISTICS	1			Gross rent as percentage of income	1.0	1.2	•••
Complete bathrooms		1.1		Sales price asked	1.1		2.5
Plumbing facilities	1.0			Rent asked	1.1		2.5
STRUCTURAL CHARACTERISTICS] !			HOUSEHOLD CHARACTERISTICS	}		
Units in structure	8.0	0.9	1.7	Household composition	0.6	0.7	
Year structure built	0.9	1.0	l l	1ncome in 1969	1.0	1.2	2.3
		1 1	ı l	ALLOTHERS	1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

Housing Census Reports

Volume 1.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

Series HC(1)-A. GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

Series HC(1)-B. DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

Volume IV.

COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Crosstabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

Series PC(1)-A. NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

Series PC(1)-B. GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

Series PC(1)-C. GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

Series PC(1)-D.

DETAILED CHARACTERISTICS

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume II.

SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to fow-income neighborhoods in 51 cities and seven rural proverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count-source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count-source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tabulated for the approximately 35,000 the United States; also contains about 30,000 cells of data for each county.

Fifth Count—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

Sixth Count—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each con-1-percent national sample of taining a persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

U.S. DEPARTMENT OF COMMERCE Social and Economic Statistics Administration BUREAU OF THE CENSUS Washington, D.C. 20233

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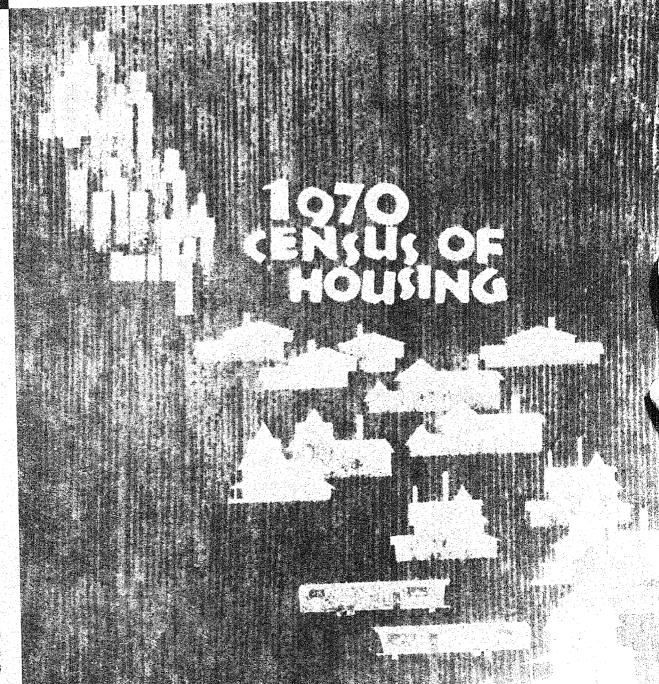




HC(2)-69

Metropolitan Housing Characteristics

FARGO-MOORHEAD, N. DAK.-MINN. STANDARD METROPOLITAN STATISTICAL AREA



U.S. DEPARTMENT
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1970 (ENSUS OF HOUSING

Metropolitan Housing Characteristics

FARGO-MOORHEAD, N. DAK.-MINN. STANDARD METROPOLITAN STATISTICAL AREA

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1 168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		·

TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit Duration of vacancy	1, 11*, 19† —	2, 12*, 20† -	3, 13*, 21† –	- g1	_ 9	6, 16*, 24† 9	~	- 1	1	9
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Number of bedrooms Persons per room	1, 11*, 19† 1, 11*, 19† 1, 11* 1, 11*	2, 12*, 20† 2, 12*, 20† 2, 12* 2, 12* 2, 12*, 20†	3, 13*, 21† 3, 13*, 21† 3, 13* 4, 14*, 22†	5, 15*, 23† 4, 14*, 22† -	5, 15*, 23† 5, 15* 5, 15*	6, 16*, 24† 8, 18*, 26† 6, 16* 6, 16*, 24†	8, 18*, 26† - 7, 17*, 25†	5, 15*, 23† - 8, 18* 4, 14*, 22†	9 9 	- 10 -
PLUMBING CHARACTERISTICS Plumbing facilities Plumbing facilities by persons per room Complete bathrooms		_ 2, 12*, 20t 2, 12*, 20t	- 4, 14*, 22† -	-	5, 15*, 23† 5, 15*, 23†	6, 16*, 24† -	7, 17*, 25†	4, 14*, 22† 8, 18*, 26†	9	10
STRUCTURAL CHARACTERISTICS Units in structure Year structure built Elevator in structure		6, 16*, 24† 2, 12*, 20† 2, 12*	6, 16*, 24† 3, 13*, 21†	6, 16*, 24† 4, 14*, 22†	6, 16*, 24† 5, 15*, 23†	6, 16*, 24†	7, 17*, 25† 	8, 18*, 26† 8, 18*, 26†	9	10 10
EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer	1, 11*, 19†	2, 12*, 20† 	3, 13*, 21t 3, 13*, 21t 3, 13*, 313* 3, 13* 3, 13* 3, 13* 3, 13*	4, 14*, 22†	 - - - - - -	6, 16*, 24† 6, 16*, 24† 6, 16*, 24† - - -	- - - - - -	1 1 1 1 1 1	9	-
FINANCIAL CHARACTERISTICS Value Value-income ratio Gross rent Gross rent as percentage of income Gross rent as percentage of income by income Sales price asked Rent asked Inclusion of utilities in rent	-	2, 12*, 20†	1, 11*, 19t 	4, 14*, 22† 2, 12*, 20†	1, 11*, 19† 5, 15*, 23† 2, 12*, 20† 5, 15*, 23†	- 6, 16°, 24† - - - 10	1, 11*, 19t 7, 17*, 25t 7, 17*, 25t 7, 17*, 25t	1, 11*, 19† 8, 18*, 26† 2, 12*, 20† 8, 18*, 26†	 9	-
HOUSEHOLD CHARACTERISTICS Household composition by age of head		1	7, 17*, 25†	7, 17*, 25† 4, 14*, 22†	3, 13*, 21†	7, 17*, 25† 6, 16*, 24†	7, 17*, 25t	8, 18*, 26† 3, 13*, 21†		

 $^{^{1}\}mbox{Vacant units tabulated by plumbing facilities only,}$

INTRODUCTION

APPENDIXES

Α.	Area Classifications	App-
В.	Definitions and Explanations of Subject Characteristics	App-
C.	Accuracy of the Data	App-1
D.	Publication and Computer Summary Tape Program	App-20

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Organization of the text	٧
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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.-The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).-Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal partsone-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000-." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

INTRODUCTION—Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Fargo-Moorhead, N. Dak.-Minn. STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is[69.]

page

MAP

Counties, Standard Metropolitan Statistical Areas, and Selected Places

ΧI

INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		Pages	Pages	Pages
Total SMSA	Α	1 to 9		_
Fargo	В	10 to 18	-	-
Moorhead	С	19 to 27	-	

CONTENTS—Continued

LIST OF TABLES

[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Spanish language]

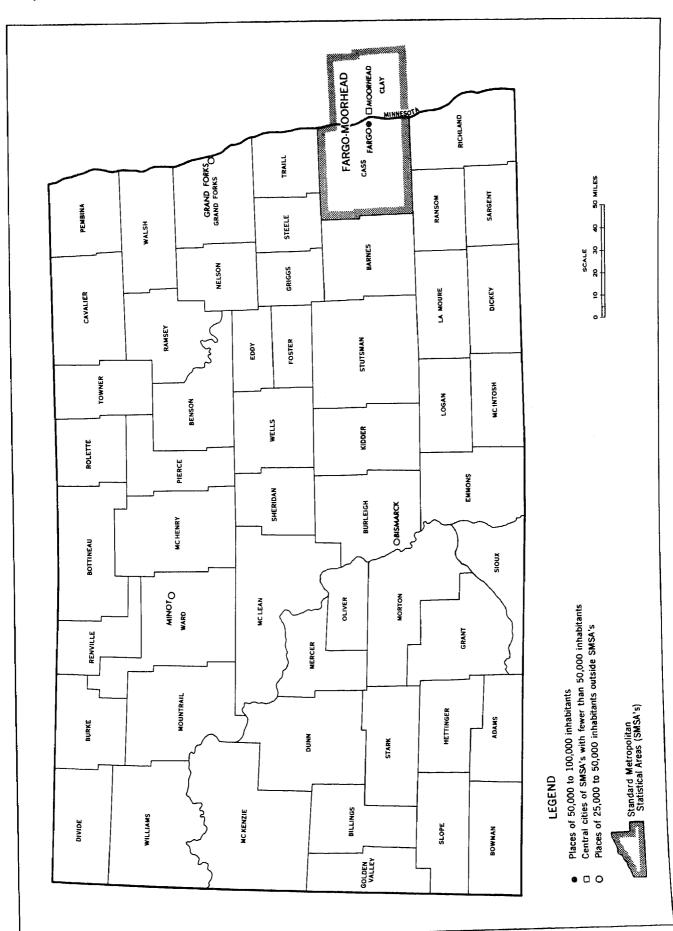
TABLE

- 1 Value of Owner Occupied Housing Units: 1970
- 2 Gross Rent of Renter Occupied Housing Units: 1970
- Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970
- 4 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970
- 5 Rooms in Owner and Renter Occupied Housing Units: 1970
- 6 Units in Structure for Owner and Renter Occupied Housing Units: 1970
- 7 Household Composition for Owner and Renter Occupied Housing Units: 1970
- 8 Persons in Owner and Renter Occupied Housing Units: 1970
- Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970
- 10 Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970
- 1 Value of Owner Occupied Housing Units With Negro Head of Household: 1970
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- 13 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
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TABLE

- 15 Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 16 Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 17 Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 19 Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
- 20 Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 21 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 22 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 23 Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 24 Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 25 Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 26 Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

Counties, Standard Metropolitan Statistical Areas, and Selected Places



NOTE

The data shown in the tables do not reflect corrections in the housing unit counts for certain areas in this SMSA; see "Correction Note" (page 6) in the 1970 Housing Census HC(1)-A reports.

Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

	[Data based on	sample, see to	ext. For minin	num base for	derived figure:	s (percent, me	idian, etc.) and	meaning of !	lymbols, see t	ext]		
The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied!	16 110	719	819	1 075	1 381	1 575	3 792	3 214	2 575	728	232	18 300
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms 8 rooms 8 rooms 8 rooms Median Median	77 327 2 205 5 246 3 666 2 380 2 209 5.6	52 102 138 233 134 38 22 4.8	6 74 167 242 198 98 34 5.2	5 46 308 343 177 133 63 5.0	44 432 416 318 122 49 5.0	34 427 497 389 167 61 5.2	9 13 571 1 500 885 477 337 5.4	10 148 1 311 708 536 501 5.7	- 4 14 646 685 617 609 6.4	- - 58 167 154 349 7.4	5 - - 5 38 184 7.5+	7 100 12 800 18 200 18 300 21 400 25 600
PERSONS 1 person 2 persons 3 persons 4 persons 5 persons 6 persons 6 persons 6 persons Median Uaits with raomers, boarders, or lodgers	4 039 2 603 2 949 2 409	290 222 107 30 42 28 1.8	136 344 119 82 44 94 2.3	195 431 169 105 79 96 2.3 33	153 516 223 191 135 163 2.6 25	150 503 280 232 180 230 3.0 24	221 885 739 738 562 647 3.6	95 590 468 781 599 681 4.1	71 392 362 599 543 608 4.3	15 110 100 150 168 165 4.4	15 46 36 41 37 57 4.0	10 800 15 000 17 500 20 600 21 400 20 900
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 1.62 or less 0.50 ar less 0.51 to 1.00 1.01 to 1.50 1.01 to 1.50 1.01 to 1.50	337 231 86 20	490 365 96 23 6 229 156 53 20	765 438 259 63 5 54 46 8	1 056 654 309 79 14 19 9	1 366 723 526 106 11 15 -	1 575 754 643 142 36 - - -	3 781 1 436 1 970 318 57 11 11 - -	3 205 993 1 894 289 29 9	2 575 883 1 590 102 	728 340 371 17 - - - -	232 144 83 5 - - -	18 500 16 400 20 200 17 200 15 600 5000 5000
BEDROOMS None and 1 2 3 4 or more	4 197 7 098	115 246 163 57	83 380 267 96	59 564 289 77	39 690 530 94	63 794 657 273	1 231 1 757 764	147 1 776 1 065	85 1 337 1 019	- 60 221 481	- 101 124	13 200 19 700 23 100
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier.	1 148 2 003 5 180 1 761	- 4 13 40 47 615	4 11 44 106 654	20 92 199 764	19 70 325 205 762	10 46 443 313 763	26 106 394 1 524 511 1 231	67 230 622 1 629 176 490	219 444 669 859 151 233	53 250 129 159 48 89	33 74 40 65 5	29 700 29 400 23 700 20 400 15 100 12 500
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more Kee or also used by another household	- 3 344 - 347	473 8 274	722 33 64	1 046 47 41	1 286 89 25	1 324 147 - -	3 280 532 18 24	2 378 815 41 24	1 433 1 143 93	180 369 138 -	18 161 57 —	16 800 25 000 37 300 5000 -
HOUSEMOLD COMPOSITION Tws-er-mere-persea hauseholds. Male head, wide present, no nonrelatives. Under 25 years. 25 to 34 years. 35 to 44 years. 45 to 64 years. 65 years and over. Other male head Under 65 years 65 years and over. Female head. Under 65 years 65 years and over. 65 years and over. 65 years and over. 65 years and over. 65 years and over. 65 years and over. 65 years and over. 65 years and over. 65 years and over.	13 438 178 2 641 3 591 5 302 1 726 463 329 134 868 868 567 301 1 341	429 297 - 300 42 114 111 51 26 25 81 48 33 290 99	683 567 14 68 63 244 178 41 25 16 75 49 26 136 53	880 723 16 91 107 304 205 65 26 39 92 59 33 195 72	1 228 1 069 11 164 162 456 276 51 39 12 108 32 56 133 42	1 425 1 270 25 229 281 472 263 51 31 20 104 73 31 150 59	3 571 3 265 73 697 800 1 340 355 80 58 22 226 142 84 221 63	3 119 2 962 14 693 930 1 118 207 52 52 52 91 14 95 40	2 504 2 387 25 542 891 834 63 63 - 54 10 71 47 24	713 681 	217 217 21 80 106 10 - - - - 15	18 800 19 300 16 000 20 300 21 800 13 400 13 700 16 200 9 200 14 400 15 100 12 700 11 000 11 000
BNCOME IN 1969 Less than \$2,000 \$2,000 to \$2,979 \$3,000 to \$3,979 \$4,000 to \$4,979 \$4,000 to \$4,979 \$4,000 to \$5,979 \$1,000 to \$5,979 \$10,000 to \$14,979 \$15,000 to \$14,979 \$15,000 or \$24,979 \$25,000 or more Median	- 555 - 509 - 614 - 831 - 3 343 - 4 923 - 2 909 - 727	259 62 88 57 54 78 43 24 - \$3 400	118 99 91 35: 64 84 156 143 24 5 \$6 000	153 94 73 63 104 103 239 204 32 10 \$6 500	118 107 74 72 76 144 428 264 84 14 \$7 700	138 53 68 104 64 120 445 408 158 17 \$8	123 113 104 121 128 177 1 115 1 380 502 29 \$10 100	95 47 36 41 71 77 617 1 372 770 88 \$12 300	59 42 15 16 43 72 229 960 929 210 \$14 200	13 -6 -10 36 125 301 237 \$20 800	6 24 85 117 \$25 300	10 200 11 300 10 900 13 200 12 900 13 100 20 100 24 100 34 500
YEAR MOVED INTO UNIT 1969 to March 1970	1 558 1 190 1 844 3 081 4 458	75 50 37 34 93 216 250	85 49 45 64 130 231 215	53 11 47 82 209 314 418	115 95 78 120 222 354 416	78 118 77 140 254 526 278	356 368 262 409 742 1 152 565	341 326 270 437 802 950 132	456 360 277 425 504 537 110	106 147 81 106 74 124 49	42 34 16 27 51 54 12	21 300 21 300 20 900 20 800 19 300 17 500 12 000
HEATING EQUIPMENT Steam or hot water	- 11 438 - 176 - 88 - 1 586	29 234 - 17 439	49 550 5 32 183	90 826 5 17 137	137 1 156 6 9 73	179 1 342 	508 2 899 75 5 305	606 2 306 26 	796 1 637 30 4 108	351 344 18 15	77 144 11 - -	23 500 17 700 19 700 11 200
AIR CONDITIONING Room unit(s) Centrol system None	. 2 529 571	54 - 701	48 771	164 14 956	156 17 1 227	260 1 211	664 87 3 103	632 120 2 506	424 146 2 099	107 94 486	20 93 123	19 400 28 300 17 800

*Limited to one-family homes on less than 10 acres and no business on property

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

		i adinpie, see				,			 _				
The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Medion (dollors)
Specified renter occupied ¹	12 555	1 147	640	617	737	1 947	1 490	2 535	2 362	495	24	561	112
ROOMS													
1 room	1 139 1 549 3 270 3 795 1 735 618 295 154 3,6	679 270 101 64 23 4 - 6 1.3	118 243 143 123 13 - - - 2.3	67 228 195 66 30 26 - 5 2.6	54 173 315 138 18 22 17	87 239 893 512 143 52 21	40 138 538 437 225 64 38 10 3.6	17 134 756 981 437 150 33 27 3.9	17 64 235 1 208 568 157 100 13	21 20 142 190 73 43 6 4.8	16 - - 3	50 39 59 124 72 70 43 84 4.4	50- 71 99 135 146 141 159
PERSONS									075	,		182	77
1 person	4 225 3 814 1 998 1 330 629 559 2.0 350	1 016 91 11 17 12 - 1.1	384 195 50 11 - 1.3	375 161 30 37 9 5 1.3	373 255 49 27 17 16 1.5	625 777 353 115 35 42 1.9	411 516 297 141 77 48 2.1	523 843 497 385 156 131 2.4 76	275 749 527 427 204 180 2.8	61 105 89 108 55 77 3.4 31	10 - 14 	112 95 62 50 60 2.4	114 130 142 147 152
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	11 241 4 933 5 479 685 144 1 314 402 882 	421 231 184 6 726 146 575	450 269 160 5 16 190 88 97 -	516 307 180 24 5 101 66 35	694 400 260 18 16 43 11 27 - 5	1 883 831 930 81 41 64 16 48	1 438 618 714 91 15 52 26 26	2 504 972 1 325 197 10 31 10 16	2 358 895 1 234 199 30 4 4 - -	490 169 255 55 11 5 5	14 8 6 - 10 10	473 233 231 9 - 88 30 48 -	120 110 124 137 97 50—
BEDROOMS			1									40	50
None	1 459 4 805 4 612 1 647	712 289 79 -	115 301 87 -	140 325 63 -	165 456 107 80	205 1 195 471 57	62 776 514 124	20 1 072 1 320 254	260 1 509 614	22 361 260	- - 19	109 101 239	96 141 165
YEAR STRUCTURE BUILT									0.47	40		13	171
1949 to March 1970 1965 to 1968 1940 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	541 1 777 1 575 1 533 803 6 326	10 171 19 15 28 904	63 9 6 134 428	41 47 32 41 493	15 22 35 69 590	52 101 289 179 1 326	14 128 121 307 83 837	87 401 554 411 129 953	347 679 586 224 89 437	60 155 98 84 21 77	- - 3 15	60 65 130 27 266	149 146 121 94 89
ELEVATOR IN STRUCTURE													82
4 floors or more With elevator Wolk-up 1 to 3 floors	486 338 148 12 037	129 129 - 951	48 48 - 455	17 17 511	41 41 767	82 20 62 1 846	20 20 1 456	44 - 44 2 622	21 21 2 362	84 42 42 559	19	489	.:: iiż
COMPLETE BATHROOMS			ایما	500	٠,,,		1 404	2 375	2 263	337	15	290	117
1 and 1 1/2 2 or more None or also used by another household	. 10 643 . 466 . 1 453	401 30 725	484 - 207	529 126	668 _ 38	1 875 8 90	1 406 7 71	2 3/3 57 37	90 27	110	11	164 114	177 50-
INCOME IN 1969									070	40		137	84
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 or more	983 1 076 1 034 872 2 382 1 768	517 255 86 93 48 38 72 29 9	213 110 67 84 50 30 55 26 5 5	189 89 131 47 48 24 43 36 10 - \$3 200	206 95 59 99 104 30 105 34 5 4	377 230 219 229 184 169 331 167 37 4 \$4 600	248 117 109 149 214 127 349 153 20 4 \$5 600	326 165 149 202 194 213 686 488 106 57	272 164 114 110 130 158 558 590 214 52 \$8 300	40 31 16 10 28 21 102 147 58 42 \$10 000	5 1 6 3	61 28 53 29 62 76 98 17	88 93 97 106 118 129 144 160
YEAR MOVED INTO UNIT]									_		101
1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959 1949 or earlier	- 1 799 - 792 - 1 137 - 1 245	160	320 91 20 105 72 69	323 75 39 66 82 43 27	265 86 51 97 104 69 34	1 030 343 133 97 269 66 35	794 176 106 111 134 124 39	1 443 358 119 213 212 95 29	1 546 388 115 181 115 35	288 65 60 34 - - 7	9 - 5 6 6	114 93 64 73 84 93 47	107 101 89 84
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 680 2 100 1 752 1 855 3 651	178 173 121 169 278	92 112 81 53 105 197	77 74 59 93 109 200 5	54 106 144 78 92 252	306 241 288 543	237 236 440		77 274 398 424 388 767 34	21 36 72 91 96 175	3 6 15	561	70 100 118 124 114 116 96
AIR CONDITIONING Room unit(s)	3 050	30	70	39		150	050	704	1 000	100		94	151
Central system	1 483	3 7	l -	_	1 -	30	258 15 1 211	799 125 1 545	1 338 149 893	180 127 147	9 17	21 453	168

¹Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]												
The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	22 257	1 625	919	1 016	902	992	1 300	4 644	6 287	3 586	986	9 800
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms or more	185 696 3 724 6 655 4 750 6 247	55 171 420 444 267 268	11 69 262 279 153 145	8 120 247 269 197 175	26 46 253 223 199 155	5 54 183 318 217 215	12 24 274 391 285 314	29 107 994 1 609 926 979	29 80 821 2 108 1 436 1 813	5 25 218 904 873 1 561	5 52 110 197 622	4 700 3 900 7 700 9 600 10 500 12 400
PERSONS 1 person	2 128 6 038 7 652 2 970 3 469 469	841 456 215 53 60 65	306 488 82 24 19 53	266 498 187 42 23 29	114 472 237 35 44 23	113 392 281 106 100	91 507 419 128 155	195 1 203 1 858 681 707 102	119 1 199 2 602 1 005 1 362 109	55 624 1 468 681 758	28 199 303 215 241	2 700 7 500 11 100 12 100 12 300 7 500
BEDROOMS Less (hon 3	7 366 9 205 5 839	1 009 519 403	478 64 142	583 122 252	486 219 123	289 358 223	543 629 346	1 885 2 095 918	1 386 3 393 1 807	601 1 374 1 256	106 432 369	7 500 10 900 11 400
YEAR STRUCTURE BUILT 1969 to Murch 1970 1960 to 1968 1950 to 1959 1949 or eorlier	802 4 475 6 172 10 808	24 166 332 1 103	5 78 149 687	20 103 152 741	37 92 151 622	33 116 179 664	24 216 263 797	238 883 1 403 2 120	274 1 495 2 079 2 439	128 1 014 1 170 1 274	19 312 294 361	10 400 12 000 11 100 8 100
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1959 or earlier	2 594 2 131 7 741 9 817	75 87 302 1 087	81 41 288 580	97 67 242 626	75 36 195 615	74 112 243 613	164 101 442 499	707 526 1 680 1 661	907 692 2 450 2 214	371 387 1 488 1 464	43 82 411 458	10 100 10 700 11 000 8 600
SELECTED CHARACTERISTICS Automalic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s) Central system Automobiles availables	15 302 16 039 5 181 13 711 2 899 4 276 3 574 702	873 884 221 893 67 179 173 6	216 248 21 267 19 125 104 21	288 378 75 558 146 174 168	404 363 48 373 70 115 96 19	516 560 133 519 80 162 143 19	816 944 198 887 161 212 184 28	3 248 3 573 589 2 856 449 738 664 74 2 539	5 331 5 505 1 902 4 440 934 1 305 1 130 175	2 769 2 765 1 416 2 197 708 888 690 198	841 819 578 721 265 378 222 156	11 200 11 000 13 400 10 600 12 400 11 700 11 100 15 200
1	10 675 8 631 1 656	737 200 18	595 101 10	695 168 13	673 158 21	746 193 31	796 341 37	1 822 169	3 085 542	1 972 623	591 192	12 200 14 900
Renter occupied housing units	13 340	2 598	1 357	1 093	1 134	1 126	929	2 555	1 864	548	136	5 400
ROOMS 1 room	1 167 1 561 3 291 3 878 1 821 1 622	460 566 828 492 143 109	248 238 375 281 128	82 186 338 293 96 98	132 169 306 318 108 101	83 113 314 313 158 145	46 55 265 295 131 137	82 155 495 959 457 407	30 59 333 676 405 361	20 37 200 153 134	 - 51 42 43	2 500 2 900 4 300 6 800 8 000 8 000
PERSONS 1 person	4 306 4 003 3 548 761 722 373	1 466 596 443 68 25	716 325 258 53 5 60	428 355 250 37 23 70	446 389 235 28 36 36	303 405 291 78 49	231 291 273 36 98	491 758 885 208 213 42	171 649 685 188 171	50 163 196 58 81	4 72 32 7 21	3 000 5 800 7 100 8 200 8 800 3 000
BEDROOMS None	1 520 4 823 4 763 2 260	449 1 251 681 100	313 502 198 106	267 435 331 96	143 581 284 37	98 492 176 228	81 329 375 271	108 770 1 269 710	61 334 1 200 453	129 160 162	- 89 97	3 000 4 400 7 800 8 200
YEAR STRUCTURE BUILT 1949 to March 1970 1940 to 1968 1950 to 1959 1949 or earlier	546 3 380 1 620 7 794	81 567 228 1 722	53 245 132 927	23 135 119 816	28 233 94 779	37 227 151 711	31 279 130 489	115 737 398 1 305	129 663 274 798	39 221 81 207	10 73 13 40	7 500 7 000 6 700 4 600
YEAR MOVED INTO UNIT 1949 to March 1970	6 765 1 814 3 392 1 343	1 537 195 649 297	714 249 287 176	578 143 233 109	586 122 275 171	583 125 310 139	486 145 201 44	1 162 423 722 150	779 309 529 181	291 80 145 62	49 23 41 14	4 900 6 500 5 800 4 500
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied* Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	2 424 2 100 1 752 1 855 3 651	2 525 5 11 39 180 1 941 349	1 317 42 121 108 206 779 61	983 45 83 120 298 409 28	1 076 131 114 218 271 289 53	1 034 136 202 233 285 149 29	872 121 208 166 269 46 62	2 382 596 723 630 319 38 76	1 768 825 595 223 27 98	487 412 43 15 - 17	111 111 - - - - -	5 400 10 800 8 300 7 000 4 900 2000 2 600
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Diskwasher Home food freezer Owaed second home With air conditioning Room unit(s)	3 091 2 912 1 431 2 457 660 3 613 3 130	246 262 131 158 90 431 382	37 19 66 22 41 291 258 33	141 140 40 117 21 177 172	172 123 22 133 87 262 237 25	210 233 66 251 37 298 271 27	317 293 158 245 259 230 29	850 818 263 776 173 810 669 141	794 777 458 498 128 737 640 97	201 141 105 138 22 252 182 70	123 106 122 119 61 96 89	8 500 8 400 9 700 8 200 7 900 7 300 7 100 8 600
Central system Automobiles available: 1 2 2 3 or mare.	7 342	917 309 141	671 151 53	616 95 31	692 154 24	840 147 36	604 153 25	1 664 573 54	1 010 650 75	262 237 68	66 43 18	5 900 8 300 5 400

¹Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

,	ogta basea on si	ample, see lext.	·	plumbing facilit		n, median, en	, etc.) and meaning of symbols, see text] Lacking some or all plumbing facilities							
The SMSA	-		0.50	0.51	1.01	1.51		0.50	0,51	1.01	1.51			
ine smsa	Total	Total	or less	to 1.00	to 1.50	or more	Total	or less	to 1.00	1.50	or more			
Owner occupied housing units	22 257	21 585	9 724	10 172	1 470	219	672	471	172	20	•			
PERSONS	2 128	1 853	1 836	17	_	_	275	251	24	_	_1			
1 person	6 038	5 807	5 520	282	4	5 8	231 80	192 28	39 41	11	=			
3 persons4 persons	3 755 3 897	3 675 3 859	1 595 556	2 068 3 240	63	_	38	-	38	"-	-[
5 persons	2 970 3 469	2 952 3 439	217	2 549 2 016	170 1 233	16 190	18 30	-	18 12	9	9			
6 persons or more	3.3	3.4	2.0	4.3	6.4	7.5+	1.8	1.4	3.1	•••				
Units with roomers, boarders, or lodgers	469	463	172	239	52	-	6	-	6	-	-			
YEAR STRUCTURE BUILT											l			
1969 to March 1970	741 1 848	741 1 836	320 622	357 1 079	58 107	28	12	_	6	6				
1960 to 1964	2 640	2 634 6 143	809 2 041	1 524 3 464	269 560	32 78	6 33	6 17	16	-	=			
1950 to 1959	6 176 2 177	2 093	1 148	805	115	25	84	59	25 147	21	15			
1939 or earlier	8 701	8 099	4 695	2 957	383	64	602	419	147	21	'-			
INCOME IN 1969	1 625	1 408	1 109	293	6	_	217	163	54	-	-1			
Less than \$2,000 \$2,000 to \$2,999	919	837	726	93	18	- 9	82 87	77 77	5 10	_	-			
\$3,000 to \$3,999 \$4,000 to \$4,999	1 016	929 840	686 586	220 200	14 45	ý	62	48	9	5	-			
\$5,000 to \$5,999	1 300	932 1 255	571 687	286 461	71 85	22	60 45	27 25	28 14	5 6	=			
\$6,000 to \$6,999 \$7,000 to \$9,999	4 644	4 592	1 694	2 385	441	22 72 75 23	52 47	28 16	24 18	4	9			
\$10,000 to \$14,999 \$15,000 to \$24,999	6 287 3 586	6 240 3 570	1 914 1 294	3 724 2 035	527 218	23	16	10	6	-	-1			
\$25,000 or more	986 \$9 800	982 \$10 000	457 \$7 900	475 \$11 500	45 \$10 500	\$9 700	\$3 400	\$2 900	\$5 300					
VALUE-INCOME RATIO	Ψ, 000	410 000	ψ. 700	4 555	****	,	,				!			
Specified owner occupied:	16 110	15 773	6 730	7 741 2 694	1 144 480	158 70	337 130	231 79	86 31	20 20	=			
Less than 1.5	5 247 3 712	5 117 3 687	1 873 1 311	2 031	304	41	25	21	4		-			
2.0 to 2.4	2 786 1 354	2 752 1 303	1 023 516	1 513 711	178 76	38	34 51	29 35	5 16	_	-			
2.5 to 2.9	1 201	1 182	652	445	76 30	9	19 64	19 40	24	-	-			
4.0 or more Not computed	1 717 93	1 653 79) 305 50	318 29	30	-	14	8	6	-	-			
HEATING EQUIPMENT			•						1.4					
Steam or hot waterWarm-air furnace	3 704 15 756	3 670 15 549	1 609 6 993	1 815 7 335	212 1 078	34 143	34 207	20 163	14 40	4	_			
Built-in electric units	332	332	134	177	17	4	12	- 6	- 6	-	-			
Floor, wall, ar pipeless furnace Other means	2 323	130 1 904	91 897	32 813	7 156	38	419	282	112	16	9			
None		-	-	-	-	-	-	-	_	_	_			
Renter occupied housing units	13 340	11 924	5 220	5 808	752	144	1 416	455	931	-	30			
PERSONS) person	4 306	3 179	2 845	334	_	_	1 127	369	758	-	. =			
2 persons	4 003	3 817	2 047	1 710	-	60	186 31	76 10	100 16	-	10 5			
3 persons4 persons	2 092 1 456	2 061 1 423	249 43	1 757 1 203	55 147	30	33	-	33	_	_			
5 persons6 persons or more6	761 722	742 702	36	506 298	189 361	11 43	19 20	_	19 5	_	15			
Median	2.1	2.2	1.4	3.0	5.4	3.9	1.1	1.1	1.1	-	• • • •			
Units with roomers, boarders, or lodgers	373	368	90	236	32	10	5	-	5	-	_			
YEAR STRUCTURE BUILT		660	194	311	45	8	_	_	_	_	_			
1969 to March 1970 1965 to 1968	1 840	558 1 832	850	897	45 68 95	17	8		8	-	_			
1960 to 1964 1950 to 1959	1 563 1 644	1 556 1 630	716 573	712 885	95 126	33 46	7 14	7	7	_	-			
1940 to 1949	747	731 5 569	306 2 581	304 2 651	94 303	27 34	16 1 393	6 460	5 906	_	5 27			
	0 /02	3 307	2 301	2 031	000	-								
Less than \$2,000	2 598	2 025	1 062	813	113	37	573	189	379	- '	5			
\$2,000 to \$2,999 \$3,000 to \$3,999	. 1357	1 023 987	521 499	442 434	42 54	18	334 106	127 45	202 61	Ξ	-			
\$4,000 to \$4,999 \$5,000 to \$5,999	. 1 134	1 012	500	446	43	23	122 89	16 29	106 55	-	5			
\$6,000 to \$6,999	929	1 037 888	406 332	578 467	53 84	5	41	11	26	-	11			
\$7,000 to \$9,999 \$10,000 to \$14,999	2 555 1 864	2 459 1 814	964 645	1 270 1 040	199 114	26 15	96 50	20 13	65 37	-	-			
\$15,000 to \$24,999 \$25,000 or more	. 548	543 136	201 90	282	40 10	20	5	5	_	_	-			
Median	\$5 400	\$5 900	\$5 100	36 \$6 400	\$6 800	\$4 700	\$2 400	\$2 300	\$2 400	-	•••			
GROSS RENT AS PERCENTAGE OF INCOME								400	882	_	30			
Specified renter occupied?	744	11 241 584	4 933 282	5 479 260	685 28	144 14	1 314 160	402 29	126	-	31			
10 to 14 percent15 to 19 percent	1 680 2 100	1 513 1 935	584 738	822 1 033	90 129	17 35	167 165	39 37	128 123	_	5			
20 to 24 percent	1 752	1 646	705	819	100	22	106	38	68 128	-	5			
25 to 34 percent35 percent or more	- 3 651	1 660 3 239	742 1 573	787 1 422	. 120 . 199	11 45	195 412	62 162	245	-	10			
Not computed	- 773	664	309	336	19	-	109	35	64	-	10			
HEATING EQUIPMENT Steam or hot water	6 677	5 882	2 912	2 707	214	49	795	181	614	_	-			
Warm-air furnace	- 5 223	4 778	1 836	2 444	415	83	445	200	230	-	15			
Built-in electric unitsFloor, wall, or pipeless furnace		262 88	89 15	154 64	11 9	8	26	=	26	_	-			
Other meansNone	. 1 058		368	439	97 6	4	150	74	61	-	15			
	<u> </u>				۰		-							

Limited to one-family homes on less than 10 acres and no business on property,

²Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	[Data based on sai	mple, see text.	For minimum bas	e for derived figu	res (percent, me	dian, etc.) and m	eaning of symbo	s, see text]		
e SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	22 257	. 54	131	696	3 724	6 655	4 750	3 156	3 091	5.5
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	21 409	26	107	586	3 477	6 626	4 625	3 071	2 891	5.5
RSONS	2 128	41	90	256 299	572 1 678	560 1 773	316 1 257	150 632	143 372	4.7 5.1
FISONS	6 038 3 755	5 8	22 15	62 63	800 401	1 247 1 439	894 850	382 588	347 556	5.1 5.3 5.6
ersons	3 897 2 970	-	-	16	170 103	888 748	722 711	595 809	579 1 094	6.1 6.7
ersons or more	3 469 3.3		1.2	1.8	2.3	3.3	3.4	4.2	4.7	•••
MBING FACILITIES BY PERSONS PER ROOM						6 494	4 645	3 123	3 013	5.5
all plumbing facilities	21 585 9 724	30	92 68	604 203	3 584 2 129	2 226	2 381 1 913	1 148 1 809	1 569 1 380	5.6 5.5
.50 or less .51 to 1.00	10 172 1 470	17	16 4	322 63	1 191 245	3 524 633	295	166	64	5.5 5.2 5.0
.01 to 1.50 .51 or more	219	13 24	39	16 92	19	111	56 105	33	78 66	4.E 4.9
iting seme er oft plombing fachilles	471	_	22	53 39	121 10	107 50	86 14	16 17	12	4.6
.51 to 1.00	20	24	11	-	5	4	- 5	-		•••
.51 or more	9	-	-	-						
DROOMS	779	21	60	274	311	65 2 224	48 401	- 82	- 59	3.6 4.3
e and 1		_	-	375	3 446 268	3 505	3 334 1 059	1 325 1 871	773 2 558	5. 7 7.3
r more	5 839	=	-	-	-	351	1 037	, 3/1		
AR STRUCTURE BUILT			6	38	144	286	142	91	95	5.2 5.4
9 to March 1970 O to 1968	802 4 475	8		119	826 1 092	1 373 2 388	808 1 099	607 719	734 706	5.3
io to 1705 io to 1959 io or earlier	6 172	19 27	46 79	103 436	1 662	2 608	2 701	1 739	1 556	5.7
MPLETE BATHROOMS]							0.017	1 413	5.3
ind 1 1/2	17 088	26	107	581 12	3 269 214	5 804 829	3 671 954	2 217 860	1 484	6.7 4.9
r more	_[4 353	37	53	106	154	202	150	56	04	7./
LUE-INCOME RATIO			1				3 666	2 380	2 209	5.6
Specified owner occupied	16 110	28		327 93	2 205 779	5 246 1 544	1 275	823 550	695 546	5.6 5.5
ss than 1,5	_1 3 /12		1 4		502 392	1 251 1 505	796 1 003	507	643 316	5.5 5.6 5.4
) to 2.9) or more	2 918	13	12		507 25	926 20	567 25	491	319	
t computed	- 93		-	_			776	430	416	3.7
Rester occupied housing units	13 340	1 167	1 561	3 291	3 878	1 821	//*	700		
Units with) or more bathrooms and complete kitchen facilities for exclusive	/e		, ,,,,,,	3 159	3 850	1 580	686	392	412	3.8
use, and direct access		22	1 178	3 137	•	ļ		İ		
ERSONS	4 306	1 09:	1 003	1 326	644		32 116	22 39	69	2.5 3.6
person	4 003	. 70	473	1 337	1 457 952	351	155 155	50 114	54 43 82	4.0 4.5 5.2
personspersons	1 456		5 55 - 30	147	561 189	242	145 173	92 113	82 162	5.3 6.0
personspersons or more	722			·l .=	75 2.4	199 3.3	4.0	4.4	4.9	••
edian		1.	0 1.3	1						
LUMBING FACILITIES BY PERSONS PER ROOM		39	4 1 263	3 148	3 808		744 287	409 111	404 196	3.1 3.1
ith ell plumbling facilities	5 220	j	750	1 254	2 040 1 513		379 73	268 30	177	3. 4. 1.
0.51 to 1.00	752	ž ,	_ 55	147	1 513 235 20	181 18	5 32	21	12	1.
1.51 or morectiling fecilities	144 1 416	5 77		143	70	41	16	21	12	2 1
cking same or all plumbing facilities	455 931			72] -	26	-		-	,,
1.01 to 1.50	1 .7	ō 1	5	-	9	-		-		
EDROOMS]	_	-	1.
(one			75 263 - 1 270) 2 629	887			66	20	2. 4. 5.
** ** ** ** ** ** ** ** ** ** ** ** **	4 763	3		295	2 817			374	355	3
i or more	2 260	٧]						6	3
FEAR STRUCTURE BUILT 1969 to March 1970	540	6	_ 2	118			63	39	33 43	3
1960 to 1968	3 380	0	75 45 52 12	0 493	52:	262	90	363 363	334	3
1949 or earlier			95	9 1 875	1 371				-	
COMPLETE BATHROOMS				3 20	3 78	3 1 462	568	323 69	280 132	3
1 and 1 1/2 2 or more	54	6	1 26	<u>-</u>	. 6	7 118		28	15	1
None or also used by another household		7	75 32	' ''	"					
GROSS RENT AS PERCENTAGE OF INCOME			39 1 54	9 3 27	3 79			295 19	154	:
Specified renter eccupied?	74	14	46 9	2 15	21: 53	7 29	ś .77	68	10 30	
10 to 14 percent	1 68	iol 1	49 14 88 16	46	74	9 313 3 27	88 88	33	9	
IJ IQ 17 Dercent				41	,, ,,		ĭ		, ,	
15 to 19 percent 20 to 24 percent 25 to 34 percent	1 75	15	15 22 56 25 04 58 81 8	53	<u>:</u> 54			58	9 84	l

**Limited to one-family homes on less than 10 acres and no business on property. ** 2Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

		Owner occ			derived figures	φ					Renter occupied								
The SMSA	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer							
All occupied housing units	22 257	19 118	1 757	1 382	13 340	3 177	1 862	2 346	2 150	1 757	1 917	131							
ROOMS									207	101	440								
1 room	54 131 696 3 724 6 655 4 750 3 156 3 091 5.5	28 49 386 2 441 5 729 4 472 3 032 2 981 5.7	20 25 131 518 612 227 114 110 4.8	6 57 179 765 314 51 10 - 4.1	1 167 1 561 3 291 3 878 1 821 776 430 416 3.7	69 52 207 627 851 602 372 397 5.2	75 220 600 489 356 81 27 14 3.6	175 338 711 819 252 25 21 5 3.4	207 387 771 569 175 41 3.1	181 276 640 572 68 10 10	460 282 338 701 119 17 	24 101 - - 3.9							
PLUMBING FACILITIES BY PERSONS PER ROOM												ļ							
With ell plumbing facilities 0.50 or less 1.51 to 1.00 1.51 or more lackling some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	21 585 9 724 10 172 1 470 219 672 471 172 20 9	18 544 8 239 8 838 1 279 188 574 404 141 20	1 674 856 702 98 18 83 58 25	1 367 629 632 93 13 15 9 6	11 924 5 220 5 808 752 144 1 416 455 931	2 967 997 1 581 365 24 210 110 85	1 782 623 960 159 40 80 42 33	2 125 912 1 104 79 30 221 103 113	1 814 1 001 748 39 26 336 116 215 5	1 575 823 676 58 18 182 68 114	1 530 788 684 52 6 387 16 371	131 76 55 - - - -							
BEDROOMS	43		43		1 500	00	100	044	299	262	511	_							
None	41 738 6 587 9 205 5 839	452 4 662 8 340 5 557	226 781 531 282	60 1 144 334	1 520 4 823 4 763 1 531 729	82 299 1 139 898 729	122 721 788 359	244 1 249 825 167	1 106 578 43	943 507 43	485 903 21	20 23 -							
YEAR STRUCTURE BUILT																			
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	802 1 851 2 624 6 172 2 132 8 676	463 1 241 2 132 5 522 1 986 7 774	33 120 139 455 128 882	306 490 353 195 18 20	546 1 787 1 593 1 620 864 6 930	22 81 177 501 320 2 076	9 115 178 378 282 900	45 144 354 415 125 1 263	80 264 199 154 68 1 385	169 434 430 79 26 619	215 690 218 69 43 682	59 37 24							
INCOME IN 1969																			
Less than \$2,000	1 625 919 1 016 902 992 1 300 4 644 6 287 3 586 986 \$9 800	1 382 737 758 716 841 1 104 3 845 5 533 3 263 939 \$10 200	164 131 164 75 57 78 343 465 244 36 \$8 800	79 51 94 111 94 118 456 289 79 11 \$7 900	2 598 1 357 1 093 1 134 1 126 929 2 555 1 864 548 136 \$5 400	348 249 255 178 247 265 771 630 197 37 \$7	389 155 174 193 189 106 385 209 52 10 \$5 100	502 232 197 222 227 177 516 232 37 4 \$5 100	555 266 203 207 155 121 291 230 101 21 \$4 200	366 154 116 156 143 115 318 288 91 10 \$5 600	416 296 143 154 149 122 256 264 63 54 \$4	22 5 5 24 16 23 18 11 7 							
YEAR MOVED INTO UNIT	ĺ																		
1969 to March 1970	2 594 2 131 1 593 2 267 3 881 5 460 4 357	1 878 1 648 1 275 1 979 3 489 4 970 4 003	182 171 165 149 290 399 343	534 312 153 139 102 91 11	6 765 1 814 820 1 213 1 359 827 516	1 247 346 244 300 370 305 343	975 284 107 189 156 112 13	1 290 329 139 205 210 100 43	1 207 269 101 181 264 150 35	955 215 109 151 190 104 48	973 364 106 179 169 56 34	118 7 14 8 - -							
GROSS RENT Specified renter occupied'					12 555	2 392	1 862	2 346	2 150	1 757	1 917	131							
Less than \$50 \$50 to \$59 \$50 to \$59 \$70 to \$79 \$80 to \$79 \$100 to \$119 \$120 to \$149 \$120 to \$149 \$200 to \$199 \$200 or \$199 \$200 or \$199 \$200 or \$199 \$200 or \$199 \$200 ho \$299 \$300 or more Mo cash rent Medion					1 147 640 617 737 1 947 1 490 2 535 2 362 495 24 561 \$112	81 33 68 84 316 346 463 482 159 8 352 \$126	86 149 117 152 449 297 260 237 52 63 \$98	196 150 146 188 358 328 646 241 50 43 \$107	224 131 179 177 439 245 423 259 48 6 19	151 57 35 90 168 214 519 452 49 22 \$129	409 120 72 41 168 46 189 679 137 10 46 \$133	5 5 49 14 35 12 - 16 \$105							
HEATING EQUIPMENT																			
Steam or hat water. Warm-oir furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	15 756 332 142 2 323	3 126 13 467 284 110 2 131	574 1 057 29 6 91	1 232 19 26 101	6 677 5 223 288 88 1 058	375 2 150 79 64 509	532 1 060 35 10 219 6	1 193 954 32 5 162	1 465 597 56 - 32	1 425 243 73 - 16	1 681 116 13 - 107	103 3 3 13							
AIR CONDITIONING																			
Room unit(s) Central system None	702	2 842 640 15 760	366 36 1 297	366 26 950	3 130 483 9 701	300 43 2 812	182 21 1 633	301 77 1 938	518 72 1 617	977 89 706	819 181 881	35 114							
AUTOMOBILES AVAILABLE	10 675	9 074		817	7 342	1 868	1 194	1 200	1 214	903	877	8:							
2 3 or more None	. 8 631	7 654 1 439 1 075	784 551 148 216	426 69 30	2 512 525 2 935	871 119 297	319 96 227	382 96 638	285 59 649	323 100 446	285 55 664	4) 14							

¹Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

	[paid dased o	Two-or-more-person households								One-person households		
The SMSA	1	,	Male head, wit	fe present, no	nonrelatives	T	Other ma	le head	Female	head		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	22 257	617	3 572	4 455	6 991	2 479	562	226	773	454	908	1 220
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more lecking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	10 172 1 470 219 672 471 172 20	613 277 315 21 - 4 - 4	3 554 687 2 489 336 42 18 10 - 4	4 443 565 3 063 689 126 12	6 872 3 237 3 217 378 40 119 52 57 5	2 342 1 924 398 14 6 137 97 35 5	529 227 265 32 5 33 21 6	192 154 38 - 34 18 16 -	750 442 308 23 11 12 	437 375 62 - 17 11 6	799 799 - - 109 98 11 -	1 054 1 037 17 - 166 153 13 -
UNITS IN STRUCTURE		197	2 903	4 106	6 416	2 189	486	216	630	367	646	962
2 or more	1 757 1 382	52 368	217 452	259 90	409 166	248 42	34 42	10	88 55	82 5	149 113	209 49
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$3,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$6,999 \$7,000 to \$1,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Medion	919 1 016 902 992 1 300 4 644 6 287 3 586 986	29 9 40 38 63 44 220 131 37 6 \$8 200	34 25 33 51 106 210 1 091 1 458 455 109 \$10 800	73 22 43 62 98 183 1 021 1 750 939 264 \$12 100	133 47 153 214 207 369 1 418 2 177 1 777 496 \$12 200	236 343 305 283 230 224 347 332 141 38 \$5 300	39 11 10 43 36 58 116 135 80 34 \$9 200	19 38 49 10 25 6 26 28 25 -	113 74 56 54 75 70 155 130 41 5	108 44 61 33 39 45 55 27 36 6 \$4 400	202 103 117 67 80 57 156 87 25 14 \$4 500	639 203 149 47 33 34 39 32 30 14 \$2000 —
VALUE-INCOME RATIO Spatified awar accupied* Less thon 1.5 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	5 247 3 712 2 786 1 354	178 62 61 25 15 5	2 641 714 702 662 300 186 77	3 591 1 089 994 751 354 299 93	5 302 2 387 1 337 832 320 223 203	1 726 398 267 235 156 271 379 20	329 154 79 40 20 16 20	134 42 15 13 16 12 36	567 145 82 79 35 44 162 20	301 66 53 26 22 19 115	480 128 74 41 41 39 144 13	861 62 48 82 75 87 478 29
Renter occupied housing units	13 340	1 723	2 087	924	1 231	576	827	49	1 468	149	2 622	1 684
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lecking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50	752 144 1 416 455	1 683 426 1 194 44 19 40 17 23	2 075 366 1 452 235 22 12 - 8	892 109 568 190 25 32 6 20 6	1 164 517 570 62 15 67 20 37	551 317 229 5 - 25 10 10	790 177 461 111 41 37 12 20 5	34 29 5	1 427 340 960 105 22 41 41	129 94 35 	1 961 1 754 207 	1 218 1 091 127 - 466 162 304 -
UNITS IN STRUCTURE 1	4 208 3 907	278 797 406 214 28	759 605 489 205 29	568 216 74 66	581 254 235 161	181 118 195 82	185 348 198 85	25 15 4 5	216 652 456 123 21	37 34 46 32 —	242 748 1 130 465 37	105 421 674 479 5
GROSS RENT Specified renter occupied? Less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$200 to \$299 \$300 or mare. Ho Cash cent	12 555 1 147 640 617 737 1 947 1 490 2 535 2 362 495 24 561	1 661 29 113 34 57 352 319 418 270 40	1 890 22 25 48 55 212 212 543 610 113 50	782 - 14 5 22 46 77 208 203 113 3 91	1 066 10 16 27 19 166 123 205 345 62 11 82	525 28 52 19 63 94 49 49 10 5 46	778 6 26 45 51 126 103 166 152 63 40	38 5 	1 450 11 10 45 97 295 168 366 398 33 35	140 20 14 31 17 33 19	2 551 557 202 263 222 420 250 343 178 31	1 674 459 182 112 151 205 161 180 97 30
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME Specified renter occupied? Less than \$5,000 Less than \$5,000 Less than 20 percent 25 to 34 percent 35 percent or more Not computed 45,000 to \$9,999 Less than 20 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed 41,000 to \$14,999 Less than 20 percent 20 to 24 percent 20 to 24 percent 25 percent or more Not computed 41,000 to \$14,999 Less than 20 percent 25 percent or more Not computed 415,000 or more Less than 20 percent 20 to 24 percent 20 to 24 percent 25 percent or more Not computed 15,000 or more Less than 20 percent 20 to 24 percent 20 to 24 percent 25 percent or more Not computed	12 555 5 901 5 952 485 955 3 418 4 288 1 986 1 029 873 233 167 1 768 1 420 223 27 98 598 598 596 15	1 661 533 544 82 91 301 5 887 382 246 194 45 20 220 199 10 7 4 21 21	1 890 242 21 15 39 151 16 982 422 218 281 31 30 524 401 103 10 10 12 137 5	782 22 9 	1 066 145 100 200 333 61 21 364 164 164 164 162 47 5 28 342 294 23 25 215 196 6	525 282 29 34 116 30 157 59 26 45 17 10 65 53 6 21 21	778 545 540 36 421 73 163 48 36 40 28 11 51 5 14	38 28 5 - 10 13 10 - 10 - - - -	1 450 1 013 7 27 112 781 86 339 124 109 72 34 55 9 4 7 23 23 	140 92 6 - 30 56 - 42 21 10 11 - 6 - -	2 551 1 558 257 174 332 663 132 783 501 165 87 25 5 161 146 155	1 674 1 441 1 441 1 149 1 123 2 209 8455 1 115 2 18 1 11 1 11 1 32 1 11 1 10 1 0

Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A = 8. Persons in Owner and Renter Occupied Housing Units: 1970

	[Data based on	sample, see text.	For minimum bo	ise for derived to	gures (percent, r	nedian, etc.) and	meaning of symi	ools, see text]		
The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Medion
Owner occupied housing units	22 257	2 128	6 038	3 755	3 897	2 970	1 737	923	809	1.1
BEDROOMS None and 1	779 6 587	300 1 021	314 2 837	101 1 324	44 980		71	19	18	1.8 2.3 3.7
4 or more	9 205 5 839	370 292	2 170 802	1 716 629	2 196 883	1 581 1 103	805 872	183 638	184 620	3.7 4.8
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968	802 1 851 2 624	29 63 135 387	218 352 490	174 351 350	176 482 571	95 323	54 173	25 54	31 53	3.4 3.8
1960 to 1964	6 172 2 132 8 676	387 274 1 240	1 284 811 2 883	1 143 345 1 392	1 223 279 1 166	493 1 037 232 790	320 550 86 554	149 316 40 339	1 16 232 65 312	3.8 4.1 3.7 2.5 2.7
UNITS IN STRUCTURE	19 118	1 608	4 964	3 112	3 425	2 775		874	772	
2 or more Mobile home or trailer	1 757 1 382	358 162	532 542	319 324	226 246	128	123 26	38	(33 4	3,5 2,5 2,5
COMPLETE BATHROOMS 1 and 1 1/2	17 088 3 930	1 672 1 49	5 170 498	3 051 544	2 901 834	2 044 833	1 184 465	589 316	477 291	3.1 4.4
3 or more	423 842	23 305	69 (287	22 100	84 55	82 29	58 38	65 7	20 21	4.4 4.7 1.9
HOUSEHOLD COMPOSITION Twe-or-more-person households Male head, wife present, no nonrelatives	20 129 18 114		6 038 4 973	3 755 3 333	3 897 3 619	2 970 2 819	1 737 1 669	923 913	809 788	3.6 3.7
Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years	3 572 4 455) :::	248 338 177	228 686 346	118 1 187 993	767 1 130	338 857	148 474	108 478	3.7 2.8 4.1 5.1 3.2 2.1 2.8 3.3 2.3 2.3 2.3
65 years and overOther male head	2 479 788		2 239 1 971 340	1 704 369 172	1 230 91 128	880 34 67	459 4 50	281 6 10	198 4 21	2.1 2.8
Under 65 years65 years and overFemale head	1 227	:::	191 149 725	116 56 250	123 5 150	67 84	34 16 18	10 	21	2.3 2.3 2.3
Under 65 years 65 years and over One-person households	. 454		384 341 	182 68	109 41 	84	14			2.5 2.2 1.0
VALUE-INCOME RATIO Specified owner occupied! Less than 1.5	. 16 110 5 241		4 039 1 186	2 603 1 047	2 949 952	2 409 830	1 394 530	723 243	652 269	3,5 3.7
1.5 to 1.9 2.0 to 2.4 2.5 to 2.9	- 3 71: 2 786	122	833 595 345	643 456 171	790 597 303	616 506 158	317 265 161	199 142 72	192 102 28	3.8 3.9 3.6 2.9 1.9
3.0 to 3.9 4.0 or more Not computed	- 1 20 1 71	1 126 7 622	421 638 21	122 154	157 145	194 96	83 32	47 20	51 10	2.9 1.9
Renter occupied housing units			4 003	2 092	1 456	761	381	187	154	2,1
BEDROOMS]		151	2 092	1 430	701	301	107	-	1.1
2	- 4 823 - 4 763	3 2 309 3 644	1 891 1 574 328	401 1 338 238	165 803 335	19 294 545	18 110 338	238	20 - 163	1.6 2.6 4.8
YEAR STRUCTURE BUILT	- 540	66	201	102	110	39	18	10	-	2.6
1965 to 1968 1960 to 1964 1950 to 1959	1 593	325 332	639 579 531	282 319 326	199 172 257	70 111 108	32 45 43	34 17	8 6	2.6 2.0 2.3 2.4
1940 to 1949	. 864 . 6 930		279 1 774	207 856	120 598	34 399	24 219	100 100	14 121	2.5 1.8
1	. 1862	375	645 756 738	570 336	572 222	475 93	287 45	145 22	136 13	3.5 2.2
5 to 9	2 150 1 757	1 024	671	410 252 211	285 141 91	85 48 29	29 5 9	22 5 9	5	3.5 2.2 2.0 1.6 1.7 1.5 2.1
Nobile home or trailer COMPLETE BATHROOMS	131		521 40	273 40	136	31	6 -	6	-	2.1
and 1 1/2 2 or moreNone or also used by another household	-l 546	76	3 698 93 236	1 985 92 52	1 326 107 50	638 63 37	279 73	134 20 11	115 22	2.2 3.6 1.2
HOUSEHOLD COMPOSITION Two-or-more-person households	9 034		4 003	2 092			2.11	187	154	
Male head, wife present, no nonrelatives Under 25 years 25 to 34 years	6 541		2 691 916 537	1 563 621 554 90 275 23	1 456 1 051 125	761 596 43	361 341 14	173	126	2.7 2.9 2.4 3.4 4.7 2.6 2.0 2.4 2.5
35 to 44 years	1 23	:::	103 601	90 275	530 222 165	43 251 197 95 10	113 160 54	53 95 21	49 57 20	4.7 2.6
Other male head	876	:::	534 463 422	16/j	136 136	78 78 78	6	=	18 18	2.4 2.5
Female head Under 65 years65 years and over	1 617	3	41 849 721	8 354 342	269 265	87 82	34 34	14 14	10 10	2.5 2.5 2.1 1.0
One-person households GROSS RENT AS PERCENTAGE OF INCOME	- 4 304	4 306	128							2.1 1.0
Specified rester occupied? Less than 10 percent	. 12 55! . 744	313	3 814 218	1 998 81	1 330 61	629 32 97	313 25	148 5	98 9	2.0 1.8
15 to 19 percent	2 100 i 752	546 520	621 684 561	294 385 307	226 213 194	131 (25 43 59 64 51 30 41	21 40 27	9 42	2.3 2.2 2.1 2.0 1.8
35 percent or more	3 651 773	1 565	587 961 182	252 551 128	194 184 376 76	79 77 149 64	51 30 41	27 33 9 13	22 10 6	2.0 1.8 2.2

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A=9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more	The SMSA	Total	Less than 2 months		ó months or more
Vecant for sale	233	92	66	75	Vacant for rent	1 003	750	148	105
ROOMS					ROOMS				i
1 to 3 rooms	23 19 85 60 46	5 40 15 32	18 , 5 , 16 , 16 , 11 ,	5 9 29 29 3	room	106 126 248 362 117	98 101 215 261 65	4 11 17 83 26	14 16 18 26 3
PLUMBING FACILITIES					6 rooms 7 rooms or more	10 34	10	-	24
With all plumbing facilitiesLacking some or all plumbing facilities	202 31	87 5	55 11	60 15	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities Lacking some or all plumbing facilities	814 189	634 116	130	50 55
None and 1	29 78 83 86	29 16 65	16 14 38 -	13 35 29 21	BEDROOMS				
YEAR STRUCTURE BUILT					None	105 418	92 354	51	13 13
1949 to March 1970		50 9 14 19	19 4 4 39	13 9 5 48	2	404 48	327	77 16	32
UNITS IN STRUCTURE					1969 to March 1970 1960 to 1968	460 123	376 89	84 20	14
1 2 or more	191 42	81 11	48 18	62 13	1950 to 1959 1949 or earlier	26 394	14 271	39	84 84
HEATING EQUIPMENT					UNITS IN STRUCTURE		ĺ		
Steam or hot water	63 125 - - 45	20 62 - - 10	29 22 - - 15	14 41 - - 20	1	114 178 113 201 397	27 137 88 159 339	16 27 15 32 58	71 14 10 10
None	-	-	-	-	RENT ASKED				ł
SALES PRICE ASKED							720	,,,	47
Specified vecant for sele* Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$35,000 to \$49,999	166 8 29 31 9 20 46 23	76 - 10 10 - 10 26 20 -	44 7 4 - 16 3	46 8 5 14 5 10 4 -	Specified vacant for rent2	943 148 48 55 39 44 161 437	738 120 29 51 30 41 117 339 11	138 14 12 - - 14 98	67 14 7 4 9 3 30 -
Median price asked	\$21 500				Median rent asked	\$146	\$145	\$165	•••

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

			Sales price a	sked — Vacan	t for sale ¹				Ren	t asked — \	/acant for	rent2		
The SMSA	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	166	37	31	9	20	46	23	943	196	55	39	205	437	11
PLUMBING FACILITIES														
With all plumbing facilities Locking some or all plumbing facilities	184	29 -	63	32	-	44	16	813 114	115 95	51 -	33 19	108	493 -	13
BEDROOMS														
Nane and 1	16 37 45 86	16 13	21 42	16 - 16 -	<u>-</u> -	13 31	- 16 -	523 404 —	194 16 - -	51 - - -	38 14 -	79 29 - -	161 332 -	13
YEAR STRUCTURE BUILT														
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	67 9 19 71	- 5 32	- - 5 26	4 - 5	11 - - 9	34 4 4 4	18 5 - -	460 115 23 345	12 7 8 169	- - 55	- 6 33	92 36 9 68	356 61 - 20	11
UNITS IN STRUCTURE							ł							
1	•••		•••	•••	•••	•••		54 178 314 397	22 68 63 43	27 24 -	5 20 14 -	19 34 118 34	29 95 313	4 - 7
INCLUSION OF UTILITIES IN RENT														
All utilities includedSome or no utilities included				•••		•••	:::	204 739	129 67	21 34	35 35	35 170	15 422	11

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

	India passa o	n sample, see	CAL TOT IIII	minum pase to	i derived ligor	as thercein, ii	lealutt, etc./ ul	no meaning or	symbols, see	IEXII		
Fargo	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied ¹	7 755	59	193	347	648	799	1 959	1 705	1 436	441	168	19 600
ROOMS l ond 2 rooms	15 89 988 2 482 1 812 1 213 1 156 5.7	5 11 25 14 4 - -	18 41 78 50 6 5.0	26 127 105 58 25 6 4.7	9 202 241 128 55 13 5.0	19 229 271 180 81 19 5.1	5 	64 642 391 337 215 5.7	- 4 324 418 344 346 6.4	- 36 87 93 225 7.5	5 - - 24 139 7,5+	13 600 18 700 19 900 22 800 28 800
PERSONS 1 person	493 1 918 1 265 1 557 1 204 1 318 3.6	15 24 9 -6 5	35 68 26 21 22 21 2.4	61 159 61 27 18 21 2.2	65 278 76 107 50 72 2.4	89 225 171 106 86 122 3.0	116 489 395 385 263 311 3.4	42 341 226 432 328 336 4.1	46 225 220 361 301 283 4.1	9 74 55 87 107 109 4.4	15 35 26 31 23 38 3.8	14 500 16 700 18 500 21 500 22 400 21 600
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50	7 730 3 269 3 878 509 74 25	54 43 5 6 5 -	188 90 73 20 5 5	342 221 94 27 5 5	648 361 228 54 5	799 358 358 61 22 	1 954 795 996 147 16 5 5	1 700 546 1 003 131 20 5 5	1 436 542 842 52 -	441 209 215 17 - - -	168 104 64 	19 700 18 100 20 900 17 400
BEDROOMS None and 1	61 1 991 3 320 2 173	20 22 -	172 38	194 84	322 224 18	41 481 324 119	- 693 790 358	42 946 563	- 43 730 685	22 123 324	- 61 106	14 000 21 100 25 400
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949	162 579 763 2 589 938 2 724	- - - - - - - - - - - - - - - - - - -	-, - 16 35 142	- - 27 50 270	- 5 11 146 89 397	- 5 197 185 412	21 89 730 292 827	9 91 208 925 122 350	102 259 356 416 113	37 149 53 82 37 83	14 54 35 45 45 15	32 100 31 700 26 800 20 900 16 300 15 500
COMPLETE BATHROOMS 1 and 1 1/2	1 742 225	1 -	176 6 - 6	368 7	627 32 7	642 66	1 763 227 6 12	1 287 431 19 12	762 633 52	81 225 103	11 115 45	17 600 26 600 40 200
HOUSEHOLD COMPOSITION Twe-er-more-person heuseholds Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Under 65 years 65 years and over Geneic head Under 65 years 65 years and over Under 65 years 65 years and over One-person heuseholds Under 65 years 65 years and over	6 633 85 1 212 1 840 2 715 781 208 1 164 4421 248 173 493	25 	11 11 - 26 10 16 35	286 228 11 6 14 129 68 19 9 10 39 28 11 61 28	583 477 6 76 76 208 123 30 25 5 76 43 33 65 15	710 623 10 112 167 209 125 29 19 10 58 30 28 89	1 843 1 695 34 363 386 705 207 37 32 5 111 54 57 116	1 663 1 565 9 283 534 618 121 31 - 67 58 9 42 19	1 390 1 333 11 289 459 506 68 37 37 - 20 15 5	432 413 56 134 203 20 - - 19 5 14	153 153 153 11 56 81 5 - - - 15 15	20 000 20 500 20 500 20 600 22 500 15 600 15 100 16 700 15 600 14 900 14 900 14 500 14 500
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or mare Median	362 250 189 209 243 359 1 585 2 510	4 15 6 6 5	13 9 33	54 15 25 29 26 26 87 80	27 58 28 25 28 87 217 126 47	76 33 38 38 14 76 242 193 83	54 65 59 62 56 90 576 723 263	54 24 16 26 40 30 284 768 413	45 23 10 16 21 18 128 497 535	9 10 16 77 176 153	- - - - - 10 66 92	14 400 14 000 14 400 15 000 15 300 13 600 16 700 20 600 24 800 36 200
YEAR MOVED INTO UNIT 1969 to March 1970	748 - 865 - 571 - 940 - 1 366 - 2 181	7 - - - - - 15 15	9 15 14 14 24 71	\$6 900 7 19 31 24 114 180	\$8 000 62 58 40 42 90 151 223	\$8 500 42 62 35 57 126 234	\$10 100 216 218 89 213 400 600 272	\$12 500 110 187 148 237 381 592 94	\$14 600 231 193 152 270 245 288 68	\$21 200 47 104 58 55 27 77 41	\$27 800 17 28 16 21 36 41	21 400 22 100 23 000 22 400 20 100 19 200 13 800
HEATING EQUIPMENT Steam or hol water	1 674 5 922 26 27	14	10	39 277 12 19	75 541 6 5 21	72 727 - -	275 1 674 5 5	391 1 314 - -	545 886 5 -	210 226 5	57 106 5 -	24 700 18 500 6 300
AIR CONDITIONING Room unit(s)	. 1 507 333		-	63 8 304	83 6 577	138 570	444 45 1 519	420 64 1 265	269 86 1 092	64 63 282	20 61 90	20 200 30 100 19 100

*Limited to ane-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

	(Dula pasca t	in dumpie, des	10,411. 101.111				.,	c./ one mean					
Fargo	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	7 562	717	488	429	489	1 243	914	1 508	1 252	290	19	213	107
ROOMS													
1 room	874 908 2 067 2 224 969 308 142 70 3.5	517 109 52 17 12 4 - 6	84 192 98 114 - - 2.3	62 149 154 49 5 10 - 2.5	37 135 202 105 5 5 2.9	76 143 604 326 66 28 -	27 67 376 258 147 28 11	17 55 433 614 268 86 18 17 3.9	11 32 113 633 300 90 64 9	5 15 61 140 47 22 - 5.0	5 11 - 3	43 21 15 47 20 10 22 35 4.1	50 — 70 97 131 147 146 170
PERSONS			204	319	289	473	296	347	169	56	_	105	76
1 person	3 000 2 383 1 099 595 273 212 1.8 223	650 38 6 11 12 - 1.1	296 144 37 11 1.3	78 21 11 - - 1.2	161 13 10 6 10 1.3	523 179 46 17 5 1.8	363 158 57 30 10 1.9	513 318 197 92 41 2.3	485 264 174 66 94 2.4	63 61 58 10 42 2.9	14	105 10 42 20 26 10 1.7	113 131 142 139 169
PLUMBING FACILITIES BY PERSONS PER ROOM			,										
With all plumbing facilities	1 001 287	164 60 98 6 - 553 83 470	321 206 94 5 16 167 88 74 -	332 218 109 5 97 66 31	458 299 143 11 5 31 5 21	1 194 613 532 32 17 49 10 39	872 448 388 36 - 42 16 26	1 492 652 747 89 4 16 5	1 248 594 565 80 9 4 4	285 132 130 17 6 5 5	9 3 6 - 10 - 10	186 103 83 - - 27 5 22 -	116 110 122 135 50 — 57 50 —
BEDROOMS												40	51
Kone	1 200 2 944 2 761 744	569 84 41 -	81 185 87 -	124 252 63 -	143 310 19 -	161 760 335 -	62 607 224 37	20 531 868 177	194 788 275	258 158	19	21 78 78	97 140 172
YEAR STRUCTURE BUILT								10	163	22	_	_	177
1949 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	735 652 787 523	- - 10 17 690	11 - 119 358	5 10 32 382	5 - 46 438	11 28 144 109 951	48 44 141 44 637	170 292 251 75 710	368 202 123 55 341	75 54 62 17 60	6 - 3 10	41 27 46 6 93	164 144 128 91 89
ELEVATOR IN STRUCTURE						•	200	19	21	63		_	
4 floors or more With elevator Walk-up 1 to 3 floors	164 102	694	20 20 - 333	439	41 41 - 431	82 20 62 1 174	20 20 - 910	19 19 1 577	2i 1 236	42 21 353	19	217	iii
COMPLETE BATHROOMS	6 245	137	357	324	478	1 199	843	1 415	1 223	169	9	91	114
i and 1 1/2 2 or niore None or also used by another hausehold		23 546	181	105	21	50	7 57	20 23	62 7	72 7	าเ	6) 48	184 50-
INCOME IN 1969			,,,,	104	155	245	145	203	105	10	_	53	79
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$4,000 to \$4,999 \$1,000 to \$4,999 \$10,000 to \$4,999 \$15,000 to \$24,999 \$25,000 or more Median	842 739 683 682 463 1 268 1 054 269	23 5	156 83 62 59 40 26 41 21 - - \$3 100	124 75 97 32 27 15 24 30 5 \$3 200	155 57 47 69 71 9 48 28 5	129 173 156 117 130 175 99 15 4 \$4 500	89 90 94 150 47 183 101 15 \$5 300	98 93 115 115 122 392 294 70 6 \$7 100	92 78 52 81 82 287 336 109 30 \$8 400	16 5 10 23 6 59 90 39 32 \$10 900	5 6 3	40 21 21 16 5 25 32 - \$3 600	85 90 91 105 112 129 141 159
YEAR MOVED INTO UNIT			.,,	100	154	655	460	800	809	133	9	24	114
1969 to March 1970	. 1 099 462 635 920 458	79 131 95	266 73 13 54 64 61 7	198 47 34 21 66 43 20	154 58 40 69 97 47 34	220 56 54 171 58 35	96 55 92 117 55 32	221 82 127 165 48 15	239 76 75 72 21	41 39 28 - - 7	- - 5 6 -	56 20 36 32 24 8	116 111 105 87 74 85
GROSS RENT AS PERCENTAGE OF													
Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	982 1 339 1 047 1 162 2 245	117 71 92 144	68 88 66 48 68 150	54 42 32 75 86 140	48 33 95 59 64 179	55 209 210 158 221 348 42	29 102 172 146 151 297	40 203 343 216 216 477 13	40 121 259 207 208 410 7	11 27 45 61 56 90	3 6 10	213	68 97 117 115 107 111 93
AIR CONDITIONING Room unit(s) Central system None	1 236	7	58 - 480	34 395	67 432	118 22 1 109	136 8 763	55	686 57 549	95 62 91	- 9 11		146 166 93

¹Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

	(Data based o	n sample, see	text. For min	imum base fo	r derived figu	res (percent, r	nedian, etc.) a	nd meaning of	symbols, see	text]		
fargo	Totai	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	9 211	487	331	345	287	298	446	1 901	2 840	1 769	507	10 900
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms 7 rooms 7 rooms 7	57 195 1 490 2 998 1 973 2 498	5 40 136 149 74 83	5 18 99 116 71 22	34 85 126 48 52	5 9 109 88 54 22	5 21 59 102 66 45	6 14 101 166 85 74	9 37 440 727 359 329	17 16 317 1 012 710 768	- 6 113 457 444 749	31 55 62 354	4 600 8 100 10 100 11 600 14 000
PERSONS person	763 2 400 3 317 1 287 1 444 205	251 143 66 11 16 30	117 173 29 12 - 23	107 171 62 5 -	40 154 72 17 4	18 155 67 21 37	34 186 140 50 36	92 508 795 238 268 36	52 498 1 212 477 601	28 317 738 329 357	24 95 136 127 125	3 100 8 300 11 800 13 000 13 000 7 100
Less than 34 or more	2 981 3 769 2 286	301 169 83	203 22	144 41 61	201 112 22	131 101 19	245 270 54	875 809 363	531 1 469 733	288 653 697	62 145 232	7 900 11 300 13 500
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	257 1 739 2 793 4 422	48 98 341	32 48 251	10 38 51 246	10 42 39 196	5 25 52 216	5 58 108 275	43 293 677 888	103 553 1 000 1 184	76 478 558 657	5 172 162 168	12 700 13 000 11 600 9 300
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1959 or earlier SELECTED CHARACTERISTICS	1 099 1 075 3 261 3 805	7 36 89 332	26 18 89 219	58 20 69 228	27 6 52 190	6 42 62 201	42 76 147 131	279 243 680 649	427 363 1 118 985	197 217 745 645	30 54 210 225	11 200 11 300 12 000 9 800
Automotic clothes washing machine Clothes dryer	7 044 6 665 2 624 4 957 1 326 2 200 1 843 357	384 321 43 193 27 85 79 6	100 102 21 63 19 60 47 13	124 103 19 124 63 97 91 6	255 108 48 128 47 30 30	159 119 56 118 57 69 62 7	268 241 40 242 20 59 53 6	1 543 1 548 296 1 054 178 384 350 34	2 327 2 330 942 1 647 388 681 609 72	1 467 1 376 798 1 052 384 495 374 121	417 417 361 336 143 240 148 92	11 500 11 700 14 200 11 700 13 200 12 300 11 700 17 900 9 200
3 or more	4 109 3 883 720	201 85 -	180 39 5	277 31 -	212 31 13	195 67 6	275 102 6	996 734 82	1 198 1 426 240	504 1 035 253	71 333 115	13 000 15 300
Renter occupied housing units	7 572	1 487	842	739	683	682	463	1 268	1 054	274	80	5 100
ROOMS 1 room	874 908 2 067 2 224 974 525	346 315 479 250 73 24	191 160 250 135 65 41	82 126 253 174 69 35	84 80 215 209 64 31	72 63 232 184 85 46	29 40 161 154 57 22	40 65 278 557 218 110	30 39 180 436 217 152	20 19 106 84 45	- - 19 42 19	2 500 2 900 4 200 7 000 8 000 8 700
PERSONS 1 person	3 000 2 383 1 704 273 212 223	954 327 196 5 5 83	549 165 128 - - 33	359 199 158 18 5	320 242 105 5 11	223 282 143 28 6	142 171 110 13 27	286 431 413 97 41	129 437 342 69 77	34 78 92 35 35	51 17 3 5	3 000 5 900 7 100 9 100 10 700 2 900
BEDROOMS None	1 200 2 944 2 761 763	344 630 326 —	207 330 111 19	267 302 199 40	101 305 224 -	98 307 83 82	81 271 173 34	41 444 675 248	61 226 787 242	129 94 39	- 89 59	3 200 4 700 8 200 9 500
YEAR STRUCTURE BUILT 1969 to March 1970	.1 1 387	27 132 74 1 254	17 81 57 687	4 53 68 614	14 97 35 537	20 88 91 483	5 118 63 277	29 304 195 740	47 359 171 477	27 109 34 104	5 46 9 20	8 100 8 200 7 200 4 100
769 to March 1970	1 099	923 75 397 155	441 178 187 105	362 101 177	312 86 205	379 92 187	266 79 75	585 218 399	374 208 291	136 46 80	30 16 21	4 600 6 200 5 200 3 900
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied* Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	7 562 1 446 1 339 1 047 1 162 2 245	1 487 5 6 34 93 1 186	842 34 82 63 149 474 40	739 39 64 97 235 283 21	90 683 103 73 151 177 158 21	582 99 132 164 167 104 16	12 463 75 131 86 146 20 5	1 268 295 437 313 178 20 25	1 054 496 385 124 17 - 32	23 269 225 29 15	75 75 	5 000 10 700 8 200 6 200 4 600 2000 – 2 000
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With oir conditioning Room unit(s) Central system Automobiles available.	1 250 822 951 382 1 996	41 20 67 187 168	19 19 19 - 41 175 155 20	21 20 20 19 21 98 98	39 39 39 46 165 159	82 62 41 102 20 202 182 20	201 118 124 66 124 124	402 329 59 264 65 408 346 62	518 458 337 302 61 430 379 51	99 61 80 58 157 106 51	85 85 101 81 61 50 43	9 500 9 800 11 600 9 600 7 300 7 000 9 800
2 3 or more	. 1 236	507 155 44	354 116 22	366 57 22	390 69 19	511 74 21	315 39 16	909 229 12	514 356 44	113 126 41	45 15 7	5 800 8 400 5 800

¹Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

			With al	l plumbing facili	ities			Lacking some	e or all plumbing	facilities	
Fargo	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or mare	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	9 211	9 129	3 964	4 480	606	79	82	57	20	5	-
PERSONS 1 persons 2 persons 4 persons 5 persons 6 persons Median Units with roomers, boarders, or lodgers	763 2 400 1 586 1 731 1 287 1 444 3.4 205	726 2 370 1 576 1 731 1 287 1 439 3.4 205	714 2 292 631 248 79 2.1	12 73 941 1 470 1 110 874 4.3		5 - 12 62 	37 30 10 5 	32 25 - - - - -	5 5 10 - - -	5	-
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	242 849 907 2 819 1 008 3 415	242 849 907 2 813 995 3 375	144 298 265 823 558 1 884	98 500 561 1 691 360 1 286	51 74 256 70 185	- 7 43 7 20	- - 6 13 40	- - 6 13 28	- - - - 6	- - - - 6	-
INCOME IN 1969 Less then \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Medion	487 331 345 287 298 446 1 901 2 840 1 769 507 \$10 900	468 327 330 287 283 441 1 897 2 830 1 759 507 \$10 900	379 290 268 219 185 227 729 809 626 232 \$8 700	89 33 62 59 72 178 966 1 764 1 012 245 \$12 200	4 	- - - 12 26 36 5 -	19 4 15 - 15 5 4 10 10	19 4 10 - 5 4 5 10	5 10 - 5	5	
VALUE-INCOME RATIO Specified awner occupied! Less then 1.5 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	7 755 2 357 1 955 1 443 584 603 773 40	7 730 2 347 1 955 1 443 579 598 768 40	3 269 833 677 541 214 348 627 29	3 878 1 270 1 106 805 342 214 130	509 218 150 75 23 32 11	74 26 22 22 - 4 -	25 10 - 5 5 5	15 5 - - 5 5	5 - - 5 - -	5 5 	-
HEATING EQUIPMENT Steom or hot water Warm-oir furnace Builkin electric units Ffoor, wall, or pipeless furnace Other means None	2 097 6 927 32 27 128	2 072 6 875 32 27 123	862 3 017 15 15 55	1 064 3 341 17 5 53	126 464 - 7 9	20 53 - - 6	25 52 - - 5	15 42 - - - -	10 10 - -	5	-
Renter occupied housing units	7 572	6 571	3 333	2 900	281	57	1 001	287	704	-	10
PERSONS 1 persons	3 000 2 383 1 104 600 273 212 1.8 223	2 132 2 278 1 088 593 268 212 2.0	1 885 1 299 127 14 8 - 1.4 58	247 952 939 513 179 70 2.8	22 57 75 127 5.3 5	27 9 6 15	868 105 16 7 5 - 1.†	278 9 - - - 1.0	590 86 16 7 5 - 3.1	-	10
YEAR STRUCTURE BUILT 1969 to March 1970. 1965 to 1968 1980 to 1964 1990 to 1959 1940 to 1944 1939 or earlier.	205 763 670 768 433 4 715	205 755 670 761 433 3 708	83 449 409 251 201 1 936	114 290 221 454 167 1 617	16 28 42 51 128	8 12 14 14 27	1 007	- - - 7 296	8 - - 697	- - - -	14
INCOME IN 1969 Lss than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$14,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or mare	1 487 842 739 683 682 463 1 268 1 054 274 80 \$5 100	1 056 600 658 578 633 442 1 242 1 013 269 80 \$5 600	603 369 361 363 273 190 574 434 97 69 \$4 900	406 209 281 189 343 212 594 519 136 11 \$6 100	32 12 16 20 17 40 74 50 20 - \$7 100	15 10 6 10 16 	431 242 81 105 49 21 26 41 5 - \$2 300	124 88 20 10 11 6 15 8 5	302 154 61 95 38 15 6 33 —	-	5
GROSS RENT AS PERCENTAGE OF INCOME Specified renter eccupied? Less than 10 percent. 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or mare Not computed.	7 562 464 982 1 339 1 047 1 162 2 245 323	6 561 355 844 1 220 952 1 003 1 912 275	3 328 192 381 516 488 547 1 062 142	2 895 133 429 621 421 392 766 133	281 20 28 73 32 59 69	57 10 6 10 11 5	1 001 109 138 119 95 159 333 48	287 29 33 14 27 51 123	704 75 105 105 68 108 205 38	-	10 5 -
HEATING EQUIPMENT Sleam or hot water	4 323 2 800 152 35 256 6	3 649 2 478 152 35 251	2 091 1 062 62 10 108	1 466 1 208 90 25 111	72 171 - 32 6	20 37 - - -	674 322 - - 5	129 158 	545 154 - - 5	-	10

*Limited to one-family homes on less than 10 acres and no business on property. ** **ZExcludes at the content of the content o

²Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

•	[Data based on s	unipie, see rexi.	roi issiiiiiiiiiiiiii bu	ise for derived fi	gores (percent, ti	neulan, etc.) and	meaning or symi	pois, see text]		
Fargo	Total	l room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Medion
Owner occupied housing units Units with 1 or more bathroams and	9 211	22	35	195	1 490	2 998	1 973	1 268	1 230	\$.5
complete kitchen facilities for exclusive use, and direct access	9 146	12	33	214	1 441	3 053	1 930	1 262	1 201	5.4
PERSONS	740									
1 person 2 persons 2 perso	763 2 400 1 586	17 5	31	75 78 17	172 703 337	239 827 597	124 467 382	79 191 137	26 129 112	4.9 5.0
4 persons5 oersons	1 731 1 287	-	-	13 12	151 86	680 355	384 308	255 250	248 276	5.0 5.2 5.6 6.1 6.7
6 persons or more Median	1 444 3.4			1.8	41 2.3	300 3.2	308 3.5	356 4.4	439 4.9	6.7
PLUMBING FACILITIES BY PERSONS PER ROOM	ļ									
With all plumbing facilities	9 129 3 964	17	30 26	186 71	1 465 855	2 969 1 047	1 969 969	1 268 407	1 225 589	5.5 5.5
0.51 to 1.00	4 480 606 79	12 - 5	4	90 13	488 116 6	1 622 258 42	859 127 14	797 64	612 24	5.5 5.5 5.2
1,51 or more Locking some ar all plumbing facilities 0.50 or less	82 57	š	5 5	12 9 4	25 20	29 19	4	-	5 5	111
0.51 to 1.00	20 5	5 -	-	5		10	-	-	_	***
1.51 or more	-	-	-	-	-	-	-	-	-	-
None and 1	260	21	21	61	110	21	26		,,	77.2
234 or more	2 721 3 769 2 286	-	-	85 -	1 325 102	1 046 1 521 122	184 1 514 326	62 410 816	19 222 1 022	4.5 5.7 7.4
YEAR STRUCTURE BUILT	2 200	-	-	_	-	122	320		, 022	,,4
1969 to March 1970	257 1 739	-	-	10 32	31 255	85 515	45 316	40 287	46 334	5.6 5.7 5.3
1950 to 1959 1949 or earlier	2 793 4 422	12 10	10 25	16 137	404 800	1 192 1 206	564 1 048	299 642	296 554	5.3 5,5
COMPLETE BATHROOMS						1				
1 and 1 1/2 2 or more	7 014 2 144	12	33	214	1 346 101	2 668 385	1 430 500	849 413	462 745	5.2 6.7
None or also used by another household VALUE-INCOME RATIO	82	6	5	5	6	30	18	١	۰	***
Specified owner occupied:	7 755	10	5	89	988	2 482	1 812	1 213	1 156	5.7
1.5 to 1.9	1 955	5 - 5	5	29 20 15	375 216 165	671 659 704	583 450 504	341 318 279	348 292 355	5.7 5.7 5.7 5.5 5.5
3,0 or more	. 1 376		=	25	232	443 5	258 17	266	152	5.5
Burney talks to all										
Renter occupied housing units Units with 1 or more bothrooms and complete kitchen facilities for exclusive	7 572	874	908	2 067	2 224	974	308	142	75	1.5
use, and direct access	6 327	157	657	1 933	2 254	829	318	130	49	3.7
PERSONS 1 person	3 000	837	630	957	418	131	10	17	_	2.5
2 persons3 persons	_ 1 2 383	37	247	791 256	953 505	297 194	53 84	5 28	15	3.6 4.0 4.5 5.1
4 persons 5 persons	- 600 - 273	_	9 -	57 6	233 75	201 91	72 46	14 29	14 26 20	4.5 5.1
6 persons or more		1,0	1.2	1.6	40 2.2	60 2.8	43 3.6	49 4.7		5.6
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	6 571	274		1 040	0.010	0.00	200	140	75	3,7
0.50 or less	- 3 333 2 900	2/4	666 429 206	1 940 891 986	2 213 1 360 738	953 419 474	308 147 139	142 50 77	37 33 5	3.8 3.5
1.01 to 1.50	281	27	22	57 6	104 11	56 4	22	15 -	-	4.1
Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00	.l 287	590	242 201	127 66	11 11	21 9	-	-	_	1.3 2.2 1.1
1.01 to 1.50	.l -	10	41 - -	61 -	-	12	-		-	-
BEDROOMS	1							·		
None	2 944	871	247 496	82 1 714	715	19	-	_	<u>-</u>	1.2 3.1
3 or more		-	-	202 -	1 448	1 048 297	42 153	21 152	161	4.3 6.1
YEAR STRUCTURE BUILT 1969 to March 1970	100	}			1					20
1960 to 1968	_1 1 387	37	10 95 57	40 354	125 689	20 174	14	9	15 15	3.9 3.8 3.8
1949 or earlierCOMPLETE BATHROOMS	5 193	815	746	242 1 431	272 1 138	152 628	14 22 272	15 118	45	3.2
1 and 1 1/2	- 6 245	224	710	1 949	2 213	771	281	83	14	3.6
2 or more	_ 1 253	616	252	6 149	41 12	58 27	44 -	47	35	5.5 1.4
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied? Less than 10 percent 10 to 14 percent	- 464	83	908 87	2 067 82	2 224 122	969 50	308 19	142 15	70 6	3.5 3.3
15 to 19 nercent .	1 1 330	154	77 99 104	236 286 305	311 532	160 154 137	47 75	12 29 19	10 10	3.3 3.7 3.7 3.5 3.4
20 to 24 percent 25 to 34 percent 35 percent or more Not computed	1 162	112	140 355	305 371 746	348 335 501	137 161 277	47 75 36 37 84	19 6 39	- 9	3,4 3,4 3.2
Not computed	323	64	46	41	75	30	10	22	35	3.2 3.6

Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

	Data based on s	Owner oc		1				Renter occ				
Fargo	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	9 211	7 846	980	385	7 572	1 092	1 012	1 511	1 639	1 009	1 309	-
ROOMS												İ
1 room	22 35 195 1 490 2 998 1 973 1 268 1 230 5.5	10 5 94 992 2 507 1 836 1 226 1 176 5.7	12 20 73 280 371 128 42 54 4.8	10 28 218 120 9 - 4.2	874 908 2 067 2 224 974 308 142 75 3.5	5 15 82 259 374 192 109 56 5.0	42 103 261 311 217 47 17 14 3.8	92 220 527 510 135 16 6 5 3.3	142 332 619 406 109 31 3.1	163 137 353 288 53 5 10 -	430 101 225 450 86 17 - 3.0	-
PLUMBING FACILITIES BY PERSONS PER ROOM						1 088	962	1 328	1 390	857	946	_
With all plumbing facilities 0.50 or less 0.51 to 1.00	9 129 3 964 4 480 606 79 82 57 20 5	7 821 3 296 3 933 518 74 25 15	923 488 367 63 5 57 42 15	385 180 180 25 - - - - -	6 571 3 333 2 900 281 57 1 001 287 704	402 568 118 	395 474 80 13 50 27 23	601 697 19 11 183 86 92 -	842 511 15 22 249 104 140	540 288 24 5 152 50 102	553 362 25 6 363 16 347	
BEOROOMS None	21 239 2 721 3 769 2 286	61 2 018 3 358 2 194	21 157 492 236 92	21 211 175	1 200 2 944 2 761 554 209	21 163 629 264 209	60 411 419 208	183 707 505 39	226 811 403 21	245 563 274 22 -	465 289 531	-
YEAR STRUCTURE BUILT			•	80	195	_	_	5	48	46	96	_
1949 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier.	257 846 893 2 793 1 009 3 413	168 583 767 2 608 952 2 768	9 61 57 155 57 641	202 69 30 - 4	735 652 797 523 4 670	19 55 206 139 673	13 57 111 203 628	34 128 225 72 1 047	172 125 140 40 1 114	160 168 52 26 557	337 119 63 43 651	-
INCOME IN 1969					1 407	os.	186	289	441	209	267	_
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$7,999 \$15,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$15,000 or mare	1 901	371 255 189 209 252 367 1 590 2 540 1 597 476 \$11 400	112 65 118 37 36 38 189 216 143 26 \$8 300	4 11 38 41 10 41 122 84 29 5 \$8 200	1 487 842 739 683 682 463 1 268 1 054 274 80 \$5 100	95 88 84 40 83 55 281 290 63 13 \$8 100	78 120 103 94 63 217 112 29 10 \$5 200	183 143 153 152 140 265 167 19 - \$4 900	184 183 156 128 75 212 164 75 21 \$4 100	104 92 98 104 47 162 143 40 10 \$5 000	205 117 133 121 83 131 178 48 26 \$4 500	-
YEAR MOVED INTO UNIT								055	017	451	583	_
1969 to Morch 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959	701 1 029 1 531	769 865 576 946 1 402 2 114 1 214	131 102 87 60 115 243 234	199 108 38 23 14 - -	3 808 1 099 470 635 914 464 164	459 155 103 85 124 71 27	543 154 46 95 96 62 7	855 239 79 98 145 72 27	917 206 74 139 227 123 28	112 69 72 162 80 41	233 99 146 160 56 34	-
OROSS RENT				ļ		1 082	1 012	1 511	1 639	1 009	1 309	_
\$pecified reater occupied' less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more Mo cash reat Medica				:::	7 562 717 488 429 489 1 243 914 1 508 1 252 290 19 213 \$107	26 10 25 21 109 171 242 274 108 3 93 \$136	31 115 59 86 237 144 167 124 19	109 115 119 140 242 223 379 128 29 27 \$102	161 106 148 126 350 186 340 163 43 6 10	121 46 35 79 144 144 239 170 20 - 11 \$110	269 96 43 37 161 46 141 393 71 10 42 \$112	
HEATING EQUIPMENT		1 400	408	اړ	4 323	135	301	795	1 132	776 177	1 184 69	-
Steam or hot water. Worm-oir furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	6 927 32 27 128	1 685 5 991 32 27 111	561 11	375 - - 6 -	2 800 152 35 256 6	878 10 20 49	583 13 10 99 6	641 16 5 54 -	452 44 - 11	56	13 - 43 -	- - -
AIR CONDITIONING Room unit(s)	1 843 357	1 535 333 6 018	202 12 758	106 12 264	1 760 236 5 558	183 25 816	79 7 917	217 7 1 291	375 44 1 295	378 49 560	528 104 679	- - -
AUTOMOBILES AVAILABLE	4 109 3 883	3 440 3 454	465 302 69	204 127	4 024 1 236 248	502 326 71	674 171 50	827 240 52	929 200 33	495 119 21	597 180 21 513	- - -
3 or more	720	608 384	69 136	43 8	2 046	125	108	396	552	352	313	

*Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

Γ		Sumple, see re			Two-or-mo	ore-person ho	useholds				One-person l	nouseholds
Fauna	<u> </u>	٨	lale head, wife	present, no i	nonrelatives		Other ma	le head	Female	head		
Fargo	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	9 211	235	1 510	2 036	2 953	946	189	54	304	221	310	453
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking same or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50	9 129 3 964 4 480 606 79 82 57 20 5	235 118 109 8 	1 505 279 1 081 129 16 5	2 036 258 1 456 286 36	2 938 1 300 1 447 175 16 15 10	926 790 126 4 6 20 5 15	189 70 110 4 5 	54 49 5 - - - -	304 183 121 - - - -	216 203 13 - - 5 5	301 301 	415 413 12
1.51 or more	_	_	·						050	173	208	302
1	7 846 980 385	85 12 138	1 223 123 164	1 854 167 15	2 755 179 19	786 150 10	164 16 9	44 10 -	252 46 6	48	83 19	146
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	487 331 345 287 298 446 1 901 2 840 1 769 507 \$10 900	4 5 16 17 16 14 96 57 10 \$8 400	10 - 21 15 25 100 400 641 246 52 \$11 400	28 4 11 21 11 48 415 859 504 135 \$12 800	18 5 29 51 76 110 577 989 827 271 \$13 100	64 110 113 87 96 75 182 124 81 14 \$6 000	3 - 19 12 53 52 39 11 \$10 700	8 15 15 - 5 - 6 5	50 43 14 18 36 26 54 48 15	51 32 19 19 15 27 26 13 19 - \$4 400	49 44 38 19 13 26 64 25 18 14 \$5 400	202 73 69 21 5 8 28 27 10 10 \$2 300
VALUE-INCOME RATIO Specified owner occupied 1.5 to 1.9	7 755 2 357 1 955 1 443 584 603 773 40	85 29 32 13 6 5 -	1 212 316 325 339 120 87 25	1 840 510 558 368 197 151 50 6	2 715 1 135 755 466 150 136 73	781 130 140 125 55 131 190	164 72 56 15 9 5 7	44 11 5 8 20	248 54 32 40 12 15 90 5	173 38 13 21 6 19 76	195 47 24 26 19 24 55	298 15 15 22 10 30 187
Renter occupied housing units	7 572	967	957	379	600	292	414	15	855	93	1 848	1 152
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	6 571 3 333 2 900 281 57 1 001 287 704	944 279 643 16 6 23 - 23	957 188 662 107 - - - -	379 81 224 68 6 -	566 286 244 21 15 34 9 25	282 203 74 5 10	394 108 225 36 25 20 - 15 - 5	15 15 	814 222 559 28 5 41 - 41	88 66 22 - 5 - 5 -	1 345 1 184 161 	787 701 86 365 113 252
UNITS IN STRUCTURE 1	1 092 2 523 2 648 1 309	125 478 235 129	259 335 256 107	182 113 47 37	185 179 135 101	60 64 127 41 –	58 197 123 36	15 - - -	76 394 296 89 -	18 25 22 28	104 482 870 392	25 241 537 349
GROSS RENT Spectfied renter accupled? Less than \$50 \$50 to \$59 \$40 to \$69 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more. No cosh rent	290 19	186 221 145 28	957 12 21 10 25 75 107 348 290 63	379 - - 10 22 34 94 125 55 3 3	590 5 11 9 10 107 87 116 171 43 6 25	292 9 15 10 35 59 41 42 56 10 5	414 6 26 35 31 105 36 81 68 10	15 - - - 11 - 4	855 7 6 18 71 164 99 237 218 25 5	93 5 - 6 - 27 17 22 10 - -	219 109 26	-
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME Specified renter occupied? Less than \$5,000 Less than 20 percent 20 to 24 percent 35 percent or more Not computed \$5,000 to \$9,999 Less than 20 percent 35 percent or more Not computed \$10 to 24 percent \$25 to 34 percent \$25 to 34 percent 20 to 24 percent 25 to 34 percent 25 to 34 percent 25 to 34 percent 35 percent or more Not computed \$10,000 to \$14,999 Less than 20 percent 20 to 24 percent 25 percent or more Not computed \$15,000 or more Less than 20 percent 20 to 24 percent 20 to 24 percent 25 percent or more Not computed 25 percent or more 26 percent 27 percent or more 28 percent or more 29 percent or more 29 percent or more 29 percent or more 29 percent or more 20 to 24 percent 20 to 24 percent 21 percent or more 22 percent or more 35 percent or more 35 percent or more 35 percent or more 35 percent or more 36 percent or more 37 percent or more 38 percent or more 39 percent or more 90 percent or more 91 percent or more 91 percent or more 92 percent or more 93 percent or more 94 percent or more 95 percent or more 95 percent or more 96 percent or more 96 percent or more 96 percent or more 96 percent or more 97 percent or more 97 percent or more 98 percent or more 98 percent or more 98 percent or more 98 percent or more 99 percent or more 99 percent or more 99 percent or more 99 percent or more 99 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 90 percent or more 91 percent or more 91 percent or more 91 percent or more	7 562 3 751 404 344 65- 2 101 1 165 566 49 14- 4 1 055 88 12- 12- 3 34- 32- 1-	296 5 54 44 57 1 141 53 509 9 216 3 137 1 128 4 28 6 - 152 1 145 4 152 4 1 145 7 7 7 7	957 133 6 5 25 91 6 485 231 100 133 21 268 205 53 10 - 71 66 5	379 141 58 19 33 16 15 163 37 21 75 71 4	\$90 83 5 15 27 26 10 187 98 48 31 - 10 211 197 9 - 5 109 103	292 125 24 100 25 61 5 104 34 26 29 10 5 5 48 42 6 - - - - - - - - - - - - - - - - - -	414 286 	15 9 - 5 4 6 - 6 - - -	855 576 7 18 76 436 39 224 80 75 45 24 - 39 9 - 16 16	933 61 	1 185 206 146 255 489 89 511 3300 106 55 20 119 109 10 10 10 10 10 10 10 10 10 10 10 10 10	997 104 97 146 589 61 140 78 26 15 5 10 10

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

Fargo [Data based on sa	1 person	2 persons	3 persons	4 persons	5 persons	ó persons	7 persons	8 persons or more	Median
	9 211	763	2 400	1 586	1 731	1 287	737	390	317	3.4
Owner occupied housing units BEDROOMS Kone and 1	260 2 721	103 561	84 1 106	27 582	26 297	20 140 446	35 304	- 54	- 91	 2.2 3.6
or more	3 769 2 286	121 60	863 191	810 233	1 080 432	499	409	250	212	5.0
EAR STRUCTURE BUILT 969 to March 1970 965 to 1968 960 to 1964 950 to 1959 930 or eorlier	257 846 893 2 793 1 009 3 413	5 27 26 144 95 466	76 153 143 530 411 1 087	74 178 116 546 163 509	53 226 219 620 141 472	20 142 178 493 119 335	18 81 110 216 21 291	22 62 153 34 119	11 17 39 91 25 134	3.1 3.8 4.2 3.8 2.5 2.8
NITS IN STRUCTURE	7 846 980 385	510 229 24	1 928 306 166	1 286 177 123	1 575 100 56	1 219 61 7	653 75 9	371 19 -	304 13	3.6 2.4 2.5
OMPLETE BATHROOMS and 1 1/2 ond 2 1/2 or more one or also used by another household	7 014 1 886 258 82	572 101 23 45	2 157 211 49 24	1 292 250 15	1 246 434 51	891 393 38 -	468 188 52 13	217 177 16	171 132 14 -	3.1 4.4 4.3
ROUSEHOLD COMPOSITION ***mere-perses hevsehelds** Mode head, wife present, no nanrelatives	8 448 7 680 235 1 510 2 036 2 953 946 243 189 54 525 304 221 763		2 400 1 953 103 136 60 890 764 110 56 54 337 155 182	1 586 1 445 80 299 208 725 133 40 40 40 701 74 74	1 731 1 647 41 525 512 536 33 48 48 - 36 28	1 287 1 220 298 480 426 16 20 20 47 47	737 719 11 154 380 174 - 14 14 - 4 	390 384 -53 226 105 -6 6 	317 312 -45 170 97 -5 5 	3.6 3.8 2.7 4.1 5.0 3.3 2.1 2.8 3.5 2.3 2.5 2.1
VALUE-INCOME RATIO Specified owner occupied 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	2 357 1 955 1 443	493 62 39 48 29 54 242	119	466 327 245 75 79 73	1 557 466 455 348 144 78 66	1 204 396 338 245 95 79 46 5	653 232 145 143 81 41 5	361 127 98 79 25 27 5	304 101 124 32 16 25 6	3.6 3.8 3.9 4.0 2.8 1.9
Renter occupied housing units	7 572	3 000	2 383	1 104	600	273	107	65	40	1.8
BEDROOMS None	. 2 761	1 115 1 345 461 40	1 217 1 081	261 703	84 346 132	119	18 51 34	- - 86	- 18	1.0 1.6 2.4 4.3
YEAR STRUCTURE BUILT 1969 to March 1970	195 735 652 797 523	158	285 291 263 166	115 181 144	33 47 43 117 60 300	21 10 56 13	9 12 5 20 61	6 17 17 10 15	- 4 - 6 30	2.3 1.9 2.1 2.4 2.4 1.5
UNITS IN STRUCTURE 1 3 and 4 5 to 9 10 to 19 20 or more	1 012 1 511 1 639 1 009 1 309	502 502 838 569	424 546 523 340	166 280 198 198	189 110 145 67 26 63	34 38 6 10	76 31 - - - -	37 17 - 5 - 6	26 9 - 5	3.3 2.2 2.0 1.5 1.4 1.4
COMPLETE BATHROOMS 1 and 1 1/2 2 or more	- 6 245 - 253	54		2 45	555 36			44 8 -	35 14 -	2.0 3.2 1.1
HOUSEHOLD COMPOSITION Twa-w-more-persen heusehold: Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years and over 65 years and over Gou-persen heaseholds	- 4 572 - 3 195 - 967 - 377 - 600 - 229 - 425 - 414 - 1: - 944 - 855		544 344 6 6 33 27. 25 24 1 57 49	5 797 5 333 5 223 6 6 62 1 129 3 10 7 108 6 104 1 195 1 197 1 197	44 44 133	234 4 25 7 102 5 73 8 29 8 18 6 18 6 18 6 21	91 10 26 47 8 - - - 16 16	5 -	40 40 25 5 10 - - - - - -	2.5 2.6 2.4 3.0 4.2 2.4 2.0 2.3 2.3 2.3 2.4
GROSS RENT AS PERCENTAGE OF INCOM Specified rester occupied? Less than 10 percent. 15 to 19 percent 15 to 19 percent. 20 to 24 percent. 25 to 34 percent 35 percent or more. Mol computed.	F 7 56: 46: 98: - 1 33: - 1 04: 1 104: 2 24:	3 00 4 20 2 26 39 7 38 2 47 5 1 11	0 2 38 7 15 9 39 9 45 5 34 2 40 3 59	3 1 099 0 29 6 149 2 254 5 165 0 155	8: 8: 11 9: 8 17	0 19 2 64 1 63 0 31 3 22 1 44	19 16 16 17 18 18 18 18	5 6 17 16 11	24	1. 2. 2. 1.

"Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

Г		Less than	2 up to	6 months	_		Less than	2 up to	6 months
Fargo	Total	2 months	6 months	or more	Fargo	Total	2 months	6 months	or more
Vacant for sale	87	37	27	23	Vacant for rent	494	389	85	20
, , , , , , , , , , , , , , , , , , , 					ROOMS				
ROOMS					ROOMS				
1 to 3 rooms	14	<u>-</u>	14	-	1 room	87 89	83 81	4	-1
5 rooms	29 19	. 5 11	9	15 8	2 rooms3 rooms	177	156	17	
6 rooms or more	25	21	4	-	4 rooms5 rooms	111 26	54 11	45 15	12
PLUMBING FACILITIES					6 rooms	 4	4	-	-
With all plumbing facilities	87	37	27	23					
Lacking some or all plumbing facilities	-	-	-	-	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities Lacking some or all plumbing facilities	380 114	283 106	77 8	20
None and 1	21	-	_	21					Į.
3	54	16 21	22	16 21	BEDROOMS				
4 or more	42	21	-	21	None	76	76	-	-
YEAR STRUCTURE BUILT					1	300 124	262 89	38 35	- 1
1969 to March 1970	32	23	5	4	3 or more	-	-	-	-1
1960 to 1968	5 13	5	- 4	5	YEAR STRUCTURE BUILT				Į.
1949 or earlier	37	5	18	14	TEAR STRUCTURE BUILT				l
UNITS IN STRUCTURE			!		1969 to March 1970	199 41	145 29	54 12	-1
	73	37	13	23	1950 to 1959	9	4	5	ا ت
1 2 or more	14	-	14	-	1949 or earlier	245	211	14	20
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water	44	20	15	9	1	20	8	_	12
Warm-air furnace	39	17	8	14	2 to 4	95 78	74 66	17 8	11
Built-in electric unitsFloor, wall, or pipeless furnace	-	_		1	5 to 9	76	61	15	
Other means	4	-	4	-	20 or more	225	180	45	-
None	_	_	_	_	RENT ASKED				
SALES PRICE ASKED									40
Specified vacant for sale 1 Less than \$5,000	69	37	13	19	Specified vacant for rent2	494 104	389 96	85 8	-
\$5,000 to \$9,999	4	-	4	J . .	\$50 to \$59	23 38	19 34	-	4
\$10,000 to \$14,999 \$15,000 to \$19,999		5 -	-	14 5	\$60 to \$79 \$80 to \$99	28	24	_	4
\$20,000 to \$24,999			=	_	\$100 to \$119	9 92	9 79	5	ā
\$25,000 to \$34,999	21 20	12 20	-		\$120 to \$149 \$150 to \$199	200	128	72	-
\$50,000 or more	-	-	-	-	\$200 or more Median rent asked	\$135	\$125		
Median price asked	· 1 · · · ·	• • • • • • • • • • • • • • • • • • • •			Median rent asked	\$133	φ12J	•••	

^{*}Limited to one-family homes on less than 10 acres and no business on property. ** *Excludes one-family homes on 10 acres or more.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

_			Sales price a	sked — Vacan	for sale1				Ren	rasked-\	/acant fo	r rent²		
Fargo	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	69	4	19	5	_	21	20	494	127	38	28	101	200	-
LUMBING FACILITIES														
With all plumbing facilities Lacking some or all plumbing facilities	95 -	-	6 <u>3</u>	16	<u>.</u>	Ę	16 -	386 114	38 95	38	19 19	53	238	-
BEDROOMS														
None and 1	21 32 42	-	21 - 42	- 16 -	- - -	- - -	- 16 -	376 124 - -	133 - - -	38 - - -	38 - - -	53 	114 124 -	-
YEAR STRUCTURE BUILT														
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	28 5 9 27	- - 4	- - 19	- 5	- - -	13 - 4 4	15 5 - -	199 41 9 245	- - 127	38	- - 28	42 14 9 36	157 27 16	-
UNITS IN STRUCTURE														
1	···	•••	•••		•••	•••		20 95 154 225	44 40 43	15 19 -	14 14 -	16 10 49 26	12 32 156	-
INCLUSION OF UTILITIES IN RENT														
All utilities includedSome or no utilities included			***		•••		•••	119 375	91 36	15 23	4 24	9 92	200	

^{&#}x27;Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table C-1. Value of Owner Occupied Housing Units: 1970

1	Data based or	sample, see 1	ext. For mini	mum base for	derived figure	s (percent, m	edian, etc.) an	d meaning of	symbols, see	text]		
Moorhead	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 ar more	Median (dollars)
Specified owner occupied ¹	3 927	21	74	163	253	384	1 059	959	819	155	40	20 000
ROOMS 1 and 2 rooms	81 615 1 335 787 520 589 5.4	10 11 - - - -	29 21 11 13	9 67 55 4 11 17 4.6	20 95 66 55 10 7 4.7	- 5 128 113 87 22 29 5.0	226 443 216 118 56 5.2	- 4 62 408 181 127 177 5.5	- 4 5 228 196 183 203 6.4	11 35 39 70 7.3	10 30	14 700 19 800 20 500 23 900 25 400
PERSONS 1 persons	231 917 647 748 654 730 3.7	10 11 - - - -	17 36 10 - 11	42 97 10 4 4 6 1.9	20 103 63 29 24 14 2.6	19 130 62 82 50 41 3.2	53 237 190 212 180 187 3.7	53 162 178 193 153 220 3.9	11 125 115 178 181 209 4.4	6 16 14 40 52 27 4.5	5 10 10 15	15 600 17 100 19 600 21 200 22 300 22 400
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 1.51 or more 1.01 to 1.00 1.01 to 1.50 1.51 or more	3 893 1 496 2 048 317 32 34 23 11	11 6 5 - 10 10 - -	65 27 32 6 - 9 9	163 135 24 4 	242 131 96 15 	384 177 159 43 5 - - -	1 059 374 562 101 22 - - - -	955 294 541 115 5 4 	819 260 531 28 - - - - -	155 72 83 	40 20 15 5 - - -	20 100 18 700 21 300 19 400
BEDROOMS None and 1	59 1 040 1 687 1 036	- - -	20 19 - -	116 21 -	39 158 38 57	234 155 38	413 574 224	20 449 351	42 411 251	38 19 97	20 18	14 900 20 600 22 800
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	78 263 555 1 804 475 752	- - 5 16	- - - 6 14 54	- - 14 55	- 5 73 52 123	- 9 133 86 156	- 9 88 585 186 191	10 42 212 553 54 88	63 131 211 361 23 30	5 61 30 59 - -	20 20 - -	31 100 24 100 20 800 16 000 13 900
COMPLETE BATHROOMS 1 and 1 1/2	2 734 1 120 52 46	13 - 12	76 - - 4	157 5 -	178 43 - 12	317 50 - -	829 210 7 -	699 274 12	416 433 12	42 86 21 -	7 19 12 -	18 900 24 600
HOUSEHOLD COMPOSITION Twe-er-more-person households Mole head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Under 65 years 65 years and over Under 65 years 65 years and over Under 65 years 65 years and over Under 65 years 65 years and over 65 years 65 years and over 000-person households Under 65 years 65 years and over	34 168 113 55 231 69	11 11 - - 5 6 - - - - 10	57 49 - 6 21 22 - - 8 8 8 17 9 8	121 74 - 5 10 24 35 23 11 12 24 6 18 42 10	233 204 - 25 21 104 54 12 5 7 17 4 13 20 5	365 323 4 522 38 166 63 22 12 10 20 17 3 19 5	1 006 921 14 172 215 424 96 26 21 5 59 43 16 53 14	906 875 251 213 358 53 11 11 20 15 5 5 21 32	808 771 14 184 304 246 23 21 21 - 16 16 - 11 5 6	149 145 	40 40 10 20 10 	20 300 20 700 22 200 23 600 19 600 14 800 15 100 16 500 18 000 15 600
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$6,999 \$10,000 to \$1,999 \$15,000 to \$1,999 \$15,000 to \$24,999 \$15,000 to \$24,999 \$25,000 or more	88 104 101 108 187 792 1 422 774	10 6 - - 5 5 -	17 5 25 6 - 6 6 9 -	33 22 20 10 15 15 37 6 5 - \$4 700	16 11 15 25 15 19 67 62 18 5 \$8 100	16 10 15 23 13 30 134 119 19 5 \$8 900	32 21 15 26 26 56 300 441 124 18 \$10 600	22 8 8 11 25 27 166 420 240 32 \$12 500	5 5 - 14 34 61 346 291 63 \$14 200	4 	- - - - - 5 10 25	12 700 11 200 13 500 17 700 16 600 17 500 20 900 24 600 31 000
YEAR MOVED INTO UNIT 1969 to March 1970	421 323 332 456 736 1 178	- 7 - 18	8 6 13 20 33	19 - 15 7 24 24 79	14 8 21 31 75 84	6 22 25 53 58 142 61	42 71 98 121 135 392 187	151 81 83 108 271 253 38	136 117 84 106 175 219 24	39 26 6 34 22 22 -	6 6 7 13	24 000 24 200 20 400 21 200 22 000 19 000 14 800
HEATING EQUIPMENT Steam or hat water	518 2 887 22 10 490	6 - - 15	5 47 - 10 12	3 127 - - 33	26 208 - - 19	40 312 - - 32	110 793 11 - 145	109 680 5 165	140 610 6 - 63 -	70 79 - - 6 -	15 25 - - - -	23 400 19 700 19 700
AIR CONDITIONING Room unit(s) Central system None	549 167	7	12 - 68	20 148	49 5 179	44 323	132 24 890	116 32 837	137 54 670	32 20 97	32 6	20 50 29 200 20 000

^{*}Limited to one-family homes on less than 10 acres and no business on property.

Table C-2. Gross Rent of Renter Occupied Housing Units: 1970

	(Data based o	n sample, se	e text. For n	ninimum base	for derived t	igures (perce	nt, median, et	c.) and mean	ing of symbo	is, see text]			
Moorhead	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	to	to	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied1	3 198	219	64	94	150	417	355	691	913	185	_	130	131
ROOMS	[[]			[[[[
1 room	116 492 907 1 061 410 136 40 36 3.6	71 112 20 16 - - 1.8	6 37 12 5 4 	5 59 22 8 - - -	17 27 85 10 6 5 - - 2.9	11 72 237 70 17 10 3.0	6 61 120 97 49 5 11 6 3.4	- 64 271 234 90 27 - 5 3.5	32 117 519 179 48 18	- 16 81 50 21 11 6		12 23 21 15 20 - 19 4.5	50 81 111 158 159 161
PERSONS													
person	768 1 059 616 426 212 117 2.3	186 27 6 -	45 15 4 - -	39 55 - - - - 	64 62 19 - 5 - 1.7 24	94 188 104 16 5 10 2.1	80 118 76 43 27 11 2.3	143 254 138 99 31 26 2.3	90 259 220 207 100 37 3.0	5 37 28 50 39 26 4.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 44 27 5 5 7 2.3	87 125 140 161 168 161
PLUMBING FACILITIES BY PERSONS PER ROOM	1												
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	3 077 1 115 1 685 202 75 121 48 73	124 83 41 95 36 59	64 44 20 	90 47 38 - 5 4	144 62 64 7 11 6 6	417 129 246 22 20 - - -	355 113 209 22 11 	686 250 391 39 6 5 -	913 286 532 78 17 	185 37 109 34 5 - -	1	99 64 35 - 11 6 5	133 126 136 157 50
BEDROOMS			1										
None	126 1 352 1 313 412	44 110 21 -	99 - -	16 16 - -	22 111 23 22	44 374 93 -	133 160 22	398 335 22	- 66 578 260	22 103 63	- - -	23 23	98 152
YEAR STRUCTURE BUILT	}												
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	217 707 738 540 203 793	6 79 5 5 - 124	15 6 10 33	4 24 15 9 42	17 30 23 80	5 26 95 54 237	55 58 130 22 90	14 162 223 130 50 112	155 282 344 77 25 30	38 80 44 17 - 6	-	5 21 35 10 39	177 152 154 116 100 88
ELEVATOR IN STRUCTURE													-
4 floors or more With elevator Walk-up 1 to 3 floors	122 46	94 94 - 81	28 28 71	- - 32	- - 178	- - 511	315	25 730	- - 904	21 21 167	- - -	- - 46	i33
COMPLETE BATHROOMS													
1 and 1 1/2 2 or more None or also used by another household NCOME IN 1969	. 173	116 7 108	55	95 - 21	138	370 8 15	366 - -	634 25 7	857 28 12	155 38 -	-	60 67 8	132 50 -
ss than \$2,000 2,000 to \$2,999 3,000 to \$3,999 4,000 to \$4,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999	304 169 260 220 243 620	131 36 7 6 5 17 17	24 5 5 11 5 - 4 5 5	40 9 16 15 5 5 4	43 32 - 18 21 10 26 -	108 47 36 55 37 10 85 39	84 23 6 39 44 64 62 28	97 58 45 56 49 56 183 121	144 72 36 47 44 61 200 207	30 10 11 - 5 15 34 51	-	21 12 7 13 5 5 5	101 115 127 109 116 127 138 158
\$25,000 or more Median	.1 32	\$2000	-	- - 	\$3 000	\$4 300	\$5 600	26 \$6 700	80 22 \$7 800	19 10 \$8 900	-	\$5 400	***
YEAR MOVED INTO UNIT								,			į		
1969 to March 1970	478 160 270 228 180	92 46 16 24 27 10	25 7 8 8 7	82 18 - 9 - 7	91 9 5 19 - 22	174 86 26 27 72 8	207 59 20 19 17 37	390 94 25 64 40 47 6	603 116 34 94 36 14	142 24 21 6 - -	- - - - -	25 26 6 8 28 34 B	138 123 124 135 99 114
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	367 476 467 476	40 5 17 31 46 80	14 10 6 5 11 18	4 10 22 5 13 40	36 27 12 10 65	21 78 57 45 61 124 31	15 29 68 71 59 106 7	19 77 143 107 99 239	33 113 115 161 146 322 23	10 9 21 30 31 80	-	 iiō	98 126 129 138 132 133
AIR CONDITIONING													
Room unit(s) Central system None	1 070 190 1 938	8 223	- 55	- 116	16 130	18 375	89 277	257 39 370	591 86 220	85 65 43	-	6 129	162 183 100

Excludes one-family homes on 10 acres or more.

Table C-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

	(Dala pasea a	iii sumpie, see	16X1. 101 1111	minom case ic	ir derived rigu	es (percent,	median, etc.)	ana meaning a	or symbols, see	TEXT		
Moorhead	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	to to		\$15,000 to \$24,999	or	Median (dollars)
Owner occupied housing units	4 822	233	138	156	160	146	247	986	1 665	890	201	11 000
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms or more	19 179 883 1 588 910 1 243	14 29 81 66 22 21	- 21 47 42 13	- 34 45 29 39 9	5 21 49 46 19 20	-9 40 60 17 20	87 49	26 241 380 170 169	255 608 329	- 5 38 261 198 388	10 9 54 128	4 300 8 300 10 700 11 900 13 800
PERSONS 1 persons	381 1 202 1 687 730 822 124	125 66 32 4 6	61 64 9 - 4	42 86 28 - - 14	36 75 30 8 11	19 54 55 13 5	26 119 68 20 14	38 300 333 162 153 24	30 293 696 273 373 24	118 366 213 193	4 27 70 37 63	3 100 8 400 12 100 12 900 12 900 6 200
BEDROOMS Less than 3 3 4 or more	1 604 1 946 1 184	116 15 74	129 - -	164 - -	111 19	57 40 -	81 74 20	413 342 208	385 1 011 521	148 383 285	- 81 57	8 000 12 500 12 600
YEAR STRUCTURE BUILT 1969 to March 1970	137 1 023 2 114 1 548	- 45 74 114	- 4 48 86	5 5 43 103	11 10 52 87	5 18 51 72	10 34 83 120	61 126 459 340	31 410 800 424	14 304 398 174	67 106 28	8 800 13 300 11 500 8 700
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1959 or earlier	534 399 1 886 2 003	26 11 68 151	5 56 74	6 6 50 86	20 38 107	18 39 106	35 6 86 141	142 90 364 399	206 186 667 518	63 78 421 345	13 22 97 76	10 400 12 300 11 800 9 500
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s) Central system Automobiles available	3 582 3 668 1 178 2 741 739 923 749 174	50 18 - 18 43 43	52 22 - - 27 27 27	16 56 19 71 32 32	19 19 34 - 33 21 12	57 97 77 17 17	140 99 34 20 62 50 45	632 767 112 498 99 137 117 20	1 680 1 657 561 1 419 312 272 242 30	798 795 374 508 205 227 173 54	138 138 78 96 61 85 32 53	12 500 12 300 13 800 12 300 13 300 12 300 11 500 18 700
2 2 3 or more	2 062 2 168 339	145 31 -	68 6 5	73 38 6	114 19 -	107 21 6	187 51 11	535 442 18	592 870 115	211 542 148	30 148 30	8 900 12 700 15 600
Renter occupied housing units	3 204	722	304	169	260	226	243	620	486	142	32	5 700
ROOMS 1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms or more	116 492 907 1 067 410 212	48 192 275 169 23	51 80 103 39 27	46 61 62 -	29 65 86 51 22 7	5 50 56 78 37	17 15 73 91 26 21	13 58 144 255 117 33	15 121 156 106 88	- 11 74 40 17	- - 28 - 4	4 200 3 100 4 400 6 800 8 500 10 200
PERSONS 1 person	774 1 059 1 042 212 117 95	295 177 205 45 - 34	71 94 97 37 5 27	46 76 38 9 -	79 130 46 5 -	63 75 73 15	71 60 87 15 10 5	107 219 218 34 42 5	42 146 208 42 48 5	61 59 10 12	21 11 - - -	3 500 5 700 6 700 5 700 10 200
BEDROOMS None	126 1 352 1 313 412	33 428 239 21	22 156 65 66	115 62	22 242 40 -	128 72 23	38 112 22	49 158 391 64	87 266 130	- 66 65	21	3 800 7 500 10 400
YEAR STRUCTURE BUILT 1869 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	217 1 445 540 1 002	31 286 118 287	32 108 50 114	15 67 35 52	10 84 43 123	12 99 34 81	15 126 45 57	33 323 119 145	52 255 70 109	12 74 22 34	5 23 4	6 600 6 600 5 700 4 400
YEAR MOVED INTO UNIT 1969 to March 1970	1 837 478 652 237	480 88 112 68	199 38 34 21	100 36 29 7	147 15 45 36	127 27 41 33	125 41 66 24	329 127 142 -	233 65 159 41	78 34 17 7	19 7 7	4 900 6 900 7 000 4 600
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied* Less than 15 percent. 15 to 19 percent. 20 to 24 percent. 25 to 34 percent. 35 percent or more. Not computed.	3 198 523 476 467 476 1 074 182	722 - - 5 52 572 93	304 ~ 10 26 24 232 12	169 14 10 40 98 7	260 11 27 42 74 93 13	220 15 43 39 78 40 5	243 32 32 58 90 26 5	620 122 180 192 108 13	486 190 156 95 10 —	142 121 14 - - 7	32 32 - - - -	5 700 12 100 8 900 7 800 5 600 2000 — 2 000
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes styre Dishwasher Home food freezer Owned second home With old conditioning Room unit(s) Centrol system Automobiles available:	691 582 454 367 197 1 260 1 070 190	104 104 90 20 23 209 185	18 -47 22 -88 75 13	39 39 17 - 59 59	96 47 22 58 41 67 62 5	45 45 25 45 17 85 78 7	34 - 107 85 22	131 110 126 91 48 289 230 59	172 194 64 71 46 241 200 41	65 22 25 22 22 22 22 82 63 19	21 21 21 21 21 33 33	8 000 8 500 7 200 7 200 6 900 8 200
1	1 678 700 222	223 125 90	151 29 31	93 27 9	152 35 5	145 50 15	168 47 9	377 152 27	320 138 19	36 83 11	13 14 6	7 700 2 700

*Excludes one-family homes on 10 acres or more.

Table C-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

ſ				plumbing faci		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	etc.) and meaning o	Lacking some o		ocilities	
Moorhead	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	i.51 or more
Owner occupied housing units	4 822	4 774	1 945	2 422	371	36	48	33	15		
PERSONS 1 person	381 1 202 813 874 730 822 3.5	362 1 183 813 868 730 818 3.5	362 1 083 337 94 69 - 2.1	100 476 752 618 476 4.3	- - 22 43 306 6.4	- - - 36 	19 19 6 - 4	19 14 - - -	5 6 - 4	-	-
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	138 341 679 2 098 558 1 008	138 341 679 2 087 552 974	48 160 168 678 269 618	72 167 392 1 220 257 318	17 12 14 113 167 18 31	6 - 6 22 8 7	- - 11 6 34	- - - 5 6 22	- - - 6 12	-	-
INCOME IN 1969 Less than \$2,000	233 138 156 160 146 247 986 1 665 890 201 \$11 000	214 133 152 150 146 243 986 1 665 884 201 \$11 100	172 108 117 85 81 151 390 470 289 82 \$9 000	36 21 30 50 52 83 481 1 014 551 104 \$12 300	6 4 5 15 13 9 105 165 39 10 \$10	- - - - 10 16 5 5	19 5 4 10 - 4 - - 6 -	19 5 4 5 - - - -	5 4 - 6	-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
VALUE-INCOME RATIO Spetified owner occupied Less than 1.5	3 927 1 080 1 053 812 384 235 359	3 893 1 074 1 053 812 369 230 351	1 496 362 333 298 130 101 272	2 048 618 604 441 205 107 69	317 84 105 62 34 22 10	32 10 11 11 - -	34 6 - 15 5 8	23 10 5 8 	11 6 - 5 -	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HEATING EQUIPMENT Steam or hat water	671 3 514 22 10 605	671 3 485 22 10 586	269 1 427 17 4 228	359 1 758 5 6 294	43 275 - - 53 -	25 - 11 -	29 - 19	19 - - 14 -	10	-	1
Renter occupied housing units	3 204	3 083	1 121	1 685	202	75	121	48	73	-	-
PERSONS	212 117 2.3	672 1 045 616 426 207 117 2.3	643 439 39 - - 1.4 5	29 573 558 343 129 53 2.9	- 19 62 73 48 4.8	33 21 5 16	102 14 - - 5 1.1	48 	54 14 - - 5 - 	-	111111
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1940 or 1949 1939 or soriier	228 721 701 560 203 791	228 721 701 553 203 660	90 259 234 227 79 223	105 407 394 262 86 384	33 38 57 32 32 46	17 16 32 6 7	- - 7 131	- - - - - 56	- - 7 75		1111
INCOME IN 1969 Lass than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 or \$24,999 \$25,000 or more	722 304 169 260 226 243 620 486 142 32 \$5 700	659 281 162 254 226 232 609 486 142 32 \$5 800	279 97 60 89 81 86 210 148 50 21 \$5	281 155 88 143 136 136 338 310 87 11	77 21 14 5 9 5 43 23 5 \$	22 8 	63 23 7 6 11 11 - - 52000 -	23 18 7 - - - -	40 5 6 	-	
GROSS RENT AS PERCENTAGE OF INCOME Specified reater accupied? Less than 10 percent. 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more. Not computed	3 198 156 367 476 467 476 1 074 182	3 077 128 367 469 461 466 1 015	1 115 58 123 164 161 146 383 80	1 685 70 214 278 251 291 500 81	202 23 6 38 23 102 10	75 -7 21 11 6 30	121 28 - 7 6 10 59	48 - 7 6 5 24	73 28 - - - 5 35 5	-	111111
HEATING EQUIPMENT Steam or hat water Warm-alr furnace	1 806 1 127 47 5 219	1 737 1 081 47 5 213	638 411 5 - 67	981 549 27 5 123	89 83 7 - 23	29 38 8 - -	69 46 - - 6	37 5 6 	32 41 - - - -	-	1111

Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table C-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	[Data based on :	sumple, see lexi.	roi illinimum u	ise for derived to	gures (percent, i	mealan, etc.) and	meaning of sym	DOIS, See TEXT]		
Moorhead	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units Units with 1 or more bathrooms and	4 822	-	19	179	883	1 588	910	593	650	5,3
complete kitchen facilities for exclusive use, and direct access	4 758	-	6	184	840	1 568	955	579	626	5.4
PERSONS			!		;					
2 persons	381 1 202	-	14 5	40 100	127 403	116 346 277	52 191	17 110	15 47	4.6 4.8
4 persons	813 874		_	17 22	182 110	415	211 132	66 101	60 94	5.2 5.2
5 persons or more	730 822	-	_	-	43 18	242 192	179 145	112 187	154 280	4.8 5.2 5.2 5.9 6.8
PLUMBING FACILITIES BY PERSONS PER ROOM	3.5	-	•••	2.0	2.3	3.6	3.5	4.5	5.2	•••
With all plambing facilities	4 774	_	14	169	864	1 584	904	589	650	5.3
0.50 or less 0.51 to 1,00 1,01 to 1,50	1 945 2 422	-	9 5	35 112	511 292	458 934 166	454 387	193 352	285 340	5.4 5.4 5.1
1.51 or more	371 36 48	-	- - 5	22	61	26	53 10	44	25	5.1
0.50 or less	33 15	-	5	5 5	19	1 4	6	-	=	•••
0.51 to 1.00 1.01 to 1.50 1.51 or more	-	- -	-	-	_	-	ا ا		=1	
BEOROOMS						}				-
None and 1	148 1 456		39	56 57	53 795	528	76	-	-	4.3
4 or more	1 946 1 184	- -	-		56	916 113	503 245	255 368	216 458	5.5 7.1
YEAR STRUCTURE BUILT										
1969 to March 1970	137 1 023	_	-	15 32	15 113	68 338	24 196	5 157	10 187	5.1
1950 to 1959 1949 or earlier	2 114 1 548	-	9 10	27 105	414 341	766 416	329 361	276 155	293 160	5.6 5.3 5.3
COMPLETE BATHROOMS										
1 and 1 1/2	3 452 1 306	-	6	172 12	748 92	1 272 296	653 302	354 225	247 379	5.1
None or also used by another household	64	-	5	12	23	5	6	6	7	
VALUE-INCOME RATIO Specified owner occupied:	3 927	_	_	81	615	1 335	787	520	589	5.4
Less than 1.5 1.5 to 1.9	1 080 1 053	-	-	25 11	185 190	297 363	244 189	144 139	185 161	5.6 5.4
2.0 to 2.9	1 196 594	-	-	24 21	137 103	481 194	228 122	155 82	171 72	5.4 5.4
Not computed	4	-	-	-	-	-	4	-	-	
Renter occupied housing units	3 204	116	492	907	1 067	410	136	40	36	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive					1	205	3.45	,,		
use, and direct access PERSONS	2 963	30	396	896	1 029	385	145	31	51	3.7
l person	774	83 33	267	254	147	18	5	-	-	2.6
2 persons	1 059 616	33	185 19 21	402 184 62	350 298 194	63 76 114	20 26	6	6 7	2.6 3.3 3.9 4.2 4.8
4 persons 5 persons 6 persons or more	426 212 117	-	21	5	73	90 49	26 22 28 35	13 11 10	5 18	4.8 5.6
Median	2.3	1.2	1.4	2.0	2.6	3.9	4.3		•••	•••
PLUMBING FACILITIES BY PERSONS PER ROOM With all plantage facilities	3 083	62	446	897	1 061	405	136	40	36	3.6
0.50 or less 0.51 to 1.00	1 121 1 685	29	225 181	254 576	491 492 73	81 275	51 75	34	36 13 23	3.7
1.01 to 1.50 1.51 ar mare	202 75	_i	19	62	73 5	43	5	-	-	3.8
Useking same or all plumbing facilities	121 48	33 54	46 42	10	6 6	5 - 5	-	-	-	1,6
0.51 to 1.00	73 -	54	4	10 -	-	-	-	-	=	
1.51 or more	-	-	~	-	-	-1	-	-1	-	}
Kone	126	110	16		- 89	-	-	-	-	2.7
2 3 or mare	1 352 1 313	-]	552	711 93	1 017	187 261	16 87	64		4.1 5.3
YEAR STRUCTURE BUILT	412	-]	~]	-			-			
1969 to March 1970	217	_	15 259	31 348	140 586	25 194	38	15	6 5	3.9 3.7
1950 to 1959 1949 or earlier	1 445 540	27 89	41 177	196 332	177 164	131	35 63	21	25	3.5 3.2
COMPLETE BATHROOMS	1 002	67)	""	302				1	1	
1 and 1 1/2	2 852	51	417	909	1 014 15	337 48	91 (54)	25	8 43	3.5 5.8 2.0
were or also used by another household	173 179	61 61	62	22	า้ร์	13	6	-	-	2.0
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied2		,,,	400	907	1 061	410	136	40	36	3.6
10 to 14 percent	3 198 156 367	116 29 12	492 5 40	42 97	65 135	111	17	10	-	3.5 3.8
20 to 24 gereant	476 467	11]	60 84	142 99	124 155	88 90	35 28	5 5	11	3.7 3.8
35 Descent or more	476 1 074	17 41	100 182 21	117 345 65	166 380 36	56 88 90 60 84 21	10 26	16	6	3.5 3.4 3.6
Not computed	182		21	65	36	21	20	-	19	3.0

*Limited to one-family homes on less than 10 acres and no business on property. *Excludes one-family homes on 10 acres or more.

Table C-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Owner oc		num base for derived figures (percent, median, etc.) and meaning of symbols, see text] Renter occupied								
Moorhead	Total	1 ynit	2 units or more	Mobile home or trailer	Total	l unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or troller
All occupied housing units	4 822	4 015	595	212	3 204	465	629	567	365	659	501	18
ROOMS												
1 room	19 179 883 1 588 910 593 650 5.3	81 625 1 360 824 526 599 5.5	5 47 159 193 73 67 51 4.9	14 51 99 35 13 	116 492 907 1 067 410 136 40 36 3.6	5 11 45 97 147 98 26 36 5.0	23 96 267 128 81 29 5 - 3.2	40 70 128 215 96 9	30 51 123 123 38 - - - 3.3	18 129 245 252 15 - - - 3.2	129 99 240 33 - - 3.6	12
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	4 774 1 945 2 422 371 36 48 33 15	3 981 1 529 2 097 323 32 34 23 11	581 308 243 30 - 14 10 4 -	212 108 82 16 4 	3 083 1 121 1 685 202 75 121 48 73	459 131 261 51 16 6	614 166 372 53 23 15 5 10	549 207 287 36 19 18 7 11	313 134 161 14 4 52 12 40	629 265 330 21 13 30 18 12	501 200 274 27 	18
BEDROOMS												
None	20 128 1 456 1 946 1 184	59 1 059 1 744 1 036	20 30 211 169 148	39 186 33 -	126 1 352 1 313 325 87	107 109 87	44 271 351 45	27 365 161 128	38 258 150 22 -	17 314 194 - -	144 350 21	
YEAR STRUCTURE BUILT												
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or eurlier	137 349 674 2 114 560 988	78 268 564 1 814 499 792	32 59 252 61 191	59 49 51 48 - 5	217 707 738 540 209 793	6 48 33 132 65 181	5 22 111 234 68 189	13 38 157 147 48 164	78 64 5 28 190	88 225 262 22 - 62	99 296 99 - - 7	12
INCOME IN 1969												
less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$6,999 \$7,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	233 138 156 160 146 247 986 1 665 890 201 \$11 000	155 88 104 106 108 192 810 1 458 798 196 \$11 500	39 37 42 38 21 40 116 174 83 5	39 13 10 16 17 15 60 33 9 \$6 700	722 304 169 260 226 243 620 486 142 32 \$5 700	65 68 22 17 22 44 68 123 32 4 \$6 900	171 40 42 70 66 34 128 59 19 -	142 35 43 48 55 32 139 59 14 - \$5 300	95 48 16 51 10 26 55 43 21 - \$4 500	144 46 24 58 39 68 124 115 41 - \$6 300	99 67 22 16 28 39 106 81 15 28 \$4 500	6
YEAR MOVED INTO UNIT					·							
1969 to March 1970	534 399 431 546 909 1 382 621	436 337 332 470 746 1 195 527	27 42 66 68 131 156 94	71 20 33 8 32 31	1 837 478 160 270 222 176 61	225 67 36 50 43 72 31	343 124 38 26 40 31	301 71 26 52 65 22 16	172 44 13 30 37 27	433 95 40 79 28 24 7	344 77 7 33 9 -	19
GROSS RENT												
\$pecified rester occupied! Less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more. No cash rent Median	:::				3 198 219 64 94 150 417 355 691 913 185 	459 16 4 9 15 40 77 79 95 41 	629 15 16 29 49 187 129 88 83 28 - 5 \$102	567 40 11 16 31 92 54 189 102 21 - 11 \$125	365 37 7 20 44 61 43 61 87 5 - - \$106	659 30 11 24 52 231 265 24 - 11 \$145	501 81 15 20 7 43 269 66 \$166	18
HEATING EQUIPMENT					•	, -		,	•	•	•	
Steam or hot water	671 3 514 22 10 605	536 2 949 22 10 498	135 411 - 49	154 - 58 -	1 806 1 127 47 5 219	89 274 15 5 82	139 410 19 - 61	290 225 5 47	246 113 - - 6	589 46 8 16	447 47 - - 7	6 12
AIR CONDITIONING				1								
Room unif(s) Central system None AUTOMOBILES AVAILABLE	749 174 3 899	559 174 3 310	144 440	46 149	1 070 190 1 944	20 5 499	78 14 510	72 49 432	103 11 216	526 34 146	264 77 129	7 12
1	2 062 2 168 339 253	1 669 1 943 270 161	257 185 62 80	136 40 7 12	1 678 700 222 604	277 152 14 81	357 118 46 81	260 86 39 168	173 54 26 77	364 191 63 88	228 99 34 109	19

Excludes one-family homes on 10 acres or more.

Table C-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

		Two-or-more-person households								One-person	households	
Moorhead			Male head, wi	fe present, no	nonrelatives		Other ma	le head	Female	head		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	4 822	100	847	978	1 662	440	110	34	181	89	165	216
PLUM BING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lecking same or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	2 422 371 36 48 1 33	100 33 59 8 - - - - -	847 163 605 74 5 - - -	978 160 627 160 31 	1 652 691 845 116 10	425 307 118 - 15 10 5	110 21 76 13 	34 23 11 	177 113 64 4 4	89 72 17 	165 165 	197 197 - - - 19 19 - -
UNITS IN STRUCTURE 2 or more Mobile home or troiler	595	32 18 50	757 58 32	892 78 8	1 444 179 39	357 68 15	81 18 11	34	123 42 16	55 34	78 60 27	162 40 14
INCOME IN 1969 Less than \$2,000	138 156 160 146 247 986 1 665 890	12 4 5 6 13 5 21 20 14 \$	4 4 4 10 42 223 411 114 35 \$11 700	- - 5 17 20 185 447 226 78 \$12 900	18 	22 51 57 53 38 60 59 75 19 6 \$4 000	6 	5 - 5 - 5 - 5 - 5 - 7	12 13 14 25 6 60 38 8 5 \$8 000	38 12 5 3 5 7 19	33 25 14 26 9 - 33 25 -	92 36 28 10 10 26 5 5 -
VALUE-INCOME RATIO Specified owner accupied* Less than 1.5	1 080 1 053 812 384 235 359	32 9 18 - 5 - -	736 138 221 184 103 62 28	874 200 285 243 94 43 9	1 419 598 378 239 94 42 68	352 54 70 81 40 32 75	81 33 14 25 5 - 4	34 13 5 - 5 6 5	113 22 29 11 4 20 23	55 21 	69 9 12 9 9 - 30	162 4 20 20 30 88
Renter occupied housing units	3 204	473	533	177	281	127	308	9	481	41	472	302
PLUMBING FACILITIES BY PERSONS PER ROOM With all phumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Jacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.61 to 1.50 1.51 or more	1 685 202 75 121 48 73	473 68 387 5 13 - - -	533 86 386 43 18 - -	177 10 135 21 11 	281 102 162 17 	122 46 76 - - 5	303 42 189 56 16 5 - 5	9455	481 96 308 60 17 - - -	32 24 8 	416 399 17 	256 244 12 - - 46 29 17 -
UNITS IN STRUCTURE 1	465 1 196 1 024 501 18	16 239 133 85	91 171 184 87	75 64 9 29	96 51 78 56	28 26 54 19	53 137 69 49	- - 4 5	79 221 146 29	4 9 24 4	6 201 210 43	37 77 113 95
GROSS RENT Specified renter occupied: Less than \$50 \$50 to \$59 \$40 to \$69 \$70 to \$79 \$100 to \$79 \$100 to \$110 \$120 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$200 to \$299 \$200 to \$209 \$200 to \$209 \$200 to \$209 \$200 to \$209 \$200 to \$209 \$200 to \$209	3 198 219 64 94 150 417 355 691 913 185	473 	533 6 10 19 58 55 96 244 40	177 	281 - 5 5 - 24 18 44 140 19	127 9 10 12 23 27 30 16	308 	95	481 4 4 22 9 104 55 115 148 8 -	41 9 8 4 11 9	466 81 22 22 36 77 53 106 53 5	302 105 23 17 28 17 27 37 37
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME Specified renter accupied? Less than 50.000 Less than 20 percent 20 to 24 percent 35 percent or more Not computed \$55,000 to \$9,999 Less than 20 percent 20 to 24 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed \$10,000 to \$14,999 Less than 20 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 25 percent or more Not computed \$15,000 or more Less than 20 percent 20 to 24 percent 25 percent or more Not computed 21 percent 25 percent or more Not computed Limited to one-formits both services Limited to one-formits both services	3 198 1 455 62 83 190 995 125 1 083 424 289 276 79 15 486 346 95 10 35 174 167	473 186	532 45 100 6 5 18 6 256 89 57 100 10 1- 176 125 46 - 5 56 56 - -	177 4 	281 16 	127 82 15 25 31 11 28 16 7 5 11	308 243 5 11 190 37 55 10 17 17 18 - 10 5 -	9553334444	481 358 - 19 296 38 85 25 27 - 1 20 - 4 7 7	41 25 12 13 16 55 6	466 239 20 16 50 137 16 185 113 40 22 5 5 5 42 37 5	302 252 22 17 38 164 11 50 11 17 5 17

Limited to one-family homes on less than 10 acres and no business on property. *Excludes one-family homes on 10 acres or more.

Table C-8. Persons in Owner and Renter Occupied Housing Units: 1970

,	(Data basea on	sampie, see text.	TOT THIRMHOIL DO	ise for derived to	gores (percent, ti	realan, erc./ and	meaning or symi	JUIS, 566 (6XI)		
Moorhead	Total	1 person	2 persons	3 persons	4 persons	5 persons	ó persons	7 persons	8 persons or more	Median
Owner occupied housing units	4 822	381	1 202	813	874	730	443	184	195	3,5
BEDROOMS None and 1	148 1 456	49 174	81 557	343	18 230	115	_ 18	19	-	2.5
4 or more	1 946 1 184	45 -	479 80	315 97	456 95	427 372	186 299	19 55	19 1 186	2.5 3.8 5.4
YEAR STRUCTURE BUILT 1969 to March 1970	137 349	10 12	30 91	25 40	35 68	25 79	4 37	4	4 11	3.6 4.0
1960 to 1964	674 2 114 560	26 106 50	93 404 215	75 391 105	159 435 67	124 391 63	125 206 35	37 92	35 89 25	4.4 3.9 2.6
1939 or earlier	988	177	369	177	110	48	36	40	31	2.4
2 or more	4 015 595 212	240 100 41	926 187 89	673 101 39	767 77 30	468 53 9	400 43 -	165 19	176 15 4	3.7 2.6 2.2
COMPLETE BATHROOMS 1 and 1 1/2	3 452 1 248	332 42	1 018 138	624 186	617 248	405 298	229	142	85 91	3.1
3 or more	58 64	28	13 17	-	12 6	24	173	72 9 	7	4.5
HOUSEHOLD COMPOSITION Two-or-more-person households Male head, wife present, no nonrelatives	4 441 4 027	:::	1 202 1 004	813 729	874 798	730 702	443 421	184 184	195 189	3.7 3.9
Under 25 years 25 to 34 years 35 to 44 years	100 847 978	:::	35 63 54	39 137 71	22 310 145	4 189 306	94 182	24 108	30 112	3.9 2.9 4.2 5.2 3.3 2.1 3.6
35 to 44 years 45 to 64 years 65 years and over Other maje head	1 662 440 144		492 360 37	418	305 16 34	203	145 - 17	52	47	3.3 2.1
Under 65 years 65 years and over Female head	110 34 270		21 16 161	64 30 23 7 54	34 42	20 - 8	6 11 5	-	6	3,8 2,3 2,6
Under 65 years	181 89 381	381	86 75	40 14	42 -	8 - 	5 - 		 	2.6
VALUE-INCOME RATIO Specified owner occupied!	3 927	231	917	647	748	654	395	165	170	3.7
Less than 1.5 1.5 to 1.9 2.0 to 2.4	1 080 1 053 812	13 12 29	215 221 185	227 205 136 37	212 225 133	180 196 163	137 104 75 55	44 45 43	52 45 48	3.9 3.9 3.8 3.8 2.0
2.5 to 2.9 3.0 to 3.9 4.0 or mare	384 235 359	29 29 30 118	102 67 127	37 8 34	87 39 52	39 54 18	55 14 10	23 10	12 13 -	3.8 3.8 2.0
Not computed	1	-	-	-	-	4	-	~	-	""
Renter occupied housing units BEDROOMS	3 204	774	1 059	616	426	212	84	17	16	2,3
None	. 1 352	677	66 538 337	115 459	22 317	- - 88	-	-	<u>-</u>	1.5 3.0
3 or moreYEAR STRUCTURE BUILT	412		68	-	86	175	83	-	-	4.8
1969 to March 1970 1965 to 1968 1960 to 1964	. 707 738	169	74 253 227	56 118 168	35 119 98	20 34 77	12 9 25	- - 12	5	2.8 2.2 2.6 2.3
1950 to 1959 1940 to 1949 1939 or earlier	. 540 209 793	108	216 86 203	106 43 125	98 79 36 59	20 6 55	5 - 33	- - 5	6 -	2.3 2.3 1.9
UNITS IN STRUCTURE		23	117	81	94	73	49	12	16)	, ,
3 and 4	567 365	170 130	263 132 122	133 1 104 44	81 94 32	39 38 37	5 24 -	5	-	2.3 2.4 1.9 2.0 2.2
0 to 19 10 or more	659 501 18	138	267 152 6	132 122 -	57 68 -	10 15 -	- 6	=	-	2.0 2.2
COMPLETE BATHROOMS	2 852	628	1 015	569	369	185	52	14	20	2.3
2 or more	- 173 - 179	117	27 35	41 8	42 6	16 13	34	6 J	-	3.8 1.3
Twe-or-more-person households Male head, wife present, no nonrelatives Under 25 years	1 591		1 059 692	616 436	426 244	212 116	84 75	17 17	16 11	2.8 2.7
25 to 34 years 35 to 44 years	- 533 177		263 144 21	199 161 13	11 138 71	63 19	10 42	12 5	- 5 6	2.7 2.4 3.3 4.3 2.5 2.0 3.0 3.1
45 to 64 years 65 years and over 65 years and 05 years and	. 127 - 317	:::	142 122 131	63 - 51	24 - 80	29 5 55	23 - -	=	-	2.5 2.0 3.0
Under 65 years65 years and over Female head	522	:::	122 9 236	51 129	80 - 102	55 - 41	- 9	-	- - 5	3.1 2.7
Under 65 years65 years and over Ga-person households	481		195 41 	129 	102	41 -	9 -	- 		2.9 1.0
GROSS RENT AS PERCENTAGE OF INCOMI Specified renter occupied? Less than 10 percent.	. 3 198		1 059	616	426	212	84	17	16	i j
10 to 14 percent	. 367 476	104	58 147 172	33 94 66	15 50 66	- 19 24	5 26	- 5 5	- 11	2.0 2.4 2.3
25 to 34 percent 35 percent or more Not computed	467 476 1 074	115 323	171 144 298	85 89 201	45 78 161	38 30 86 15	26 20 -	7	- 5	2.3 2.0 2.4 2.3 2.3 2.4 2.2 2.4
not sompored as an appearance of the second	182	1 32	69	48	11	15	7		-	2.4

'Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table C=9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

	(Data pasea of	a sumpie, see	text. For thinn	mon case for	derived tigures (percent, median, etc.) and meaning	ot symbols, see	text]		
Moorhead	Total	Less than 2 months	2 up to 6 months	6 months or more	Moorhead	Total	Less than 2 months		6 months or more
Vacant for sale	53	36	8	9	Vacant for rent	276	248	20	8
ROOMS	ĺ	Ì			ROOMS	1		1 1	'
1 to 3 rooms	29 13 11	21 4 11	- 4 4 -	- 4 5	1 room	21	8 10 39 163 28	7 13 -	4 4
PLUMBING FACILITIES				_ !	7 rooms or more	-	-1	-	-
With all plumbing facilities Locking same or all plumbing facilities	53	36 -	8 -	9 -	PLUMBING FACILITIES	1			1
BEDROOMS					With all plumbing facilities	272	244	20	8
Hose and 1	27	13	14	-	Lacking some or all plumbing facilities	4	4	-	-1
4 or more	13	44	[-]	13	BEDROOMS		1	}	ĺ
YEAR STRUCTURE BUILT	1.			_	None1	13 80	54	13	13 13
1969 to March 1970	35	27	4	4	3 or more	186	160	26	<u>-</u>
1960 to 1968	8 -	4	4	-	YEAR STRUCTURE BUILT		l		
1949 or earlier	10	5	-	5	1969 to March 1970	1.7			1
UNITS IN STRUCTURE				_	1960 to 1968	167 61	162 53	8	=]
2 or more	38 15	25 11	4	- 9	1949 or earlier	40	29	7	4
HEATING EQUIPMENT		ļ			UNITS IN STRUCTURE	ľ		ľ	İ
Steam or hot water	13 40 - - -	36	8 	5 4 - - -	1	4 45 11 57 159	4 36 4 45 159	5 7 8	- 4 - 4
SALES PRICE ASKED	ĺ	ĺ	ĺ		RENT ASKED				
Specified vecent for sale' Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$20,000 to \$24,999 \$25,000 to \$34,999	38 - 5 - 11 22	25 5 - 6 14	4 - - - -	9 - - - - 5 4	Specified vecant for rent ² Less than \$50 \$50 to \$59 \$60 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149	276 8 7 17 4	248 4 17 4 24	20 7 - -	8 4 - - -
\$35,000 to \$49,999 \$50,000 or more Median price asked	-	[2]	-	-	\$150 to \$199	192 11 \$167	188 11 \$170	4	

^{*}Limited to one-family homes on less than 10 acres and no business on property.

Table C-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Moorhead			Sales price a	sked – Vacan	t for sale			Rent asked — Vacant for rent?						
moornead	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 fo \$149	\$150 to \$199	\$200 or more
Tetal	38	5	-	~	11	22	-1	276	15	17	-	41	192	11
PLUMBING FACILITIES							1							
With all plumbing facilities Locking some or all plumbing facilities	57 -	13		-		44	-	279 -	26 ~	13	-	39	188	13
BEDROOMS														
None and 1	- 13 44	- - 13	-	-	- - -	13 31	-	93 186 	26	13 - - -	- -	26 13 - -	28 160 - -	13
YEAR STRUCTURE BUILT							- 1							1
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	24 4 - 10	- - 5	- - -	-	6 - - 5	18 4 -	-	167 61 8 40	- 8 7	17	-	13 16 12	154 34 - 4	11
UNITS IN STRUCTURE							[ļ
12 for 4		•••	•••	•••		•••	:::	4 45 68 159	8 7 -	12 5		13 20 8	12 36 144	4 - 7
INCLUSION OF UTILITIES IN RENT							ļ							
All utilities included Some or no utilities included		•••	•••	•••		•••	:::	31 245	11 4	6 11	-	4 37	10 182	11

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

²Excludes one-family homes on 10 acres or more.

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE	App-1
COUNTIES	App-1
PLACES	App-1
STANDARD METROPOLITAN STATISTICAL AREAS	Арр-1

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, Standard Metropolitan Statistical Areas: 1967, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States. a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

Self-enumeration and census questionnaire.-As stated in the introductory text of this report, the 1970 census was conducted primarily through selfenumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Comparability with 1960 data.-Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechancial refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

Housing units.-A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.— Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States — Arizona, California, Colorado, New Mexico, and Texas — household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, households heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Year moved into unit.-Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year, Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Yearround" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered yearround. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant yearround units "for rent" also include vacant units offered either for rent or for sale. Duration of vacancy.—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers, utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

Persons per room.—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms.-(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is central installation which airconditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude onefamily houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-forrent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated: thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

Gross rent as percentage of income. -The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no nonrelatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Family or primary individual.—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

A Many many living graphers accounted and uses and	NO Are your living augrees.	FOR CENSUS
A. How many living quarters, occupied and vacant, are at this address?	H9. Are your living quarters—	ENUMERATOR'S USE
	Owned or being bought by you or by someone else in this household? Do not include cooperatives and	ONLY
O One O 2 apartments or living quarters	in this nousehold! Do not include too peralives and condominiums here.	a4. Block a5. Serial
2 apartments or living quarters 3 apartments or living quarters	A cooperative or condominium which is owned or being	number mumber
4 apartments or living quarters	bought by you or by someone else in this household?	N I
O 5 apartments or living quarters	O Rented for cash rent?	N ø000ø000ø
O 6 apartments or living quarters	O Occupied without payment of cash rent?	100010001
O 7 apartments or living quarters	***	200020002
8 apartments or living quarters		300030003
9 apartments or living quarters	H10a. Is this building a one-family house?	400040004
O 10 or more apartments or living quarters	O Yes, a one-family house	
O This is a mobile home or trailer	O No, a building for 2 or more families	N
· 19	or a mobile home or trailer	500050005
• 🖫	h 1/1/1/ // In this house on a place of 10 serves on war	600060006
Answer these questions for your living quarters	b. If "Yes" = Is this house on a place of 10 acres or more, or is any part of this property used as a commercial	700070007
Answer these questions for your living quarters	establishment or medical office?	900090009
II. Is there a telephone on which nearly in your living		N 300010001
11. Is there a telephone on which people in your living quarters can be called?	Yes, 10 acres or more Yes, commercial establishment or medical office	N
-	Yes, commercial establishment or medical office No, none of the above	B. Tumo of 11-14 or management
O Yes — What is O No the number?	O mo, none of the above	B. Type of unit or quarters
O No the number?		<u>Occupied</u>
	H11. If you live in a one-family house which	O First form
2. Do you enter your living quarters—	you own or are buying—	O Continuation
O Directly from the outside or through	What is the value of this property; that is, how much	
a common or public hall?	do you think this property (house and lot) would sell for	<u>Vacant</u>
O Through someone else's living quarters?	if it were for sale?	O Regular
	O Less than \$5,000 If this house	O Usual residence
	○ \$5,000 to \$7,499 is on a place	elsewhere
13. Do you have complete kitchen facilities?	O \$7,500 to \$9,999 of 10 acres or	N
Complete kitchen facilities are a sink with piped	o \$10,000 to \$12,499 any part of	Group quarters
water, a range or cook stove, and a refrigerator.	• \$10,000 to \$12,499 any part of • \$12,500 to \$14,999 this property	O First form
O Yès, for this household only	O \$15,000 to \$17,499 is used as a	O Continuation
O Yes, but also used by another household	O \$17.500 to \$19.999 commercial	For a vacant unit, also fill
O No complete kitchen facilities for this household	establishment	C, D, A, H2 to H8, and
	O \$20,000 to \$24,999 or medical	H10 to H12
H4. How many rooms do you have in your living quarters?	\$25,000 to \$34,999 office, do	Ŋ
Do not count bathrooms, porches, balconies, foyers,	this mustical	N
halls, or half-rooms.	• \$50,000 or more	N
O 1 room O 6 rooms		N
O 2 rooms O 7 rooms	H12. Answer this question if you pay rent for your living quarters.	C. Vacancy status
O 3 rooms O 8 rooms	a. If rent is paid by the month—	Year round
O 4 rooms O 9 rooms or more	What is the monthly rent?	O For rent
O 5 rooms	tried in the individual tent:	O For sale only
	\$ 00.07 -18-1	O Rented or sold, not
H5. Is there hot and cold piped water in this building?	Write amount bere00 (Nearest dollar)	occupied
O Yes, hot and cold piped water in this building	and	O Held for occasional u
O No, only cold piped water in this building	O Less than \$30	O Other vacant
O No piped water in this building	Fill one circle 0 \$30 to \$39	Ν
	○ \$40 to \$49	O <u>Seasonal</u>
Mr. Da year have a fourh dull-49	-	O Migratory
H6. Do you have a flush toilet?	○ \$60 to \$69	N
O Yes, for this household only	O \$70 to \$79	N
O Yes, but also used by another household	○ \$80 to \$89	D. Months vacant
O No flush toilet	O \$90 to \$99	O Less than 1 month
		O 1 up to 2 months
	O \$100 to \$119	O 2 up to 6 months
H7. Do you have a bathtub or shower?	O \$120 to \$149 O \$150 to \$199	0 6 up to 12 months
O Yes, for this household only	0 \$150 to \$159 0 \$200 to \$249	O 1 year up to 2 years
O Yes, but also used by another household	1	O 2 years or more
O No bathtub or shower	○ \$250 to \$299 ○ \$300 or more	0 270013 01 111010
	↓ →300 or more	C/O 0 0
HS. Is there a basement in this building?	b. If rent is not paid by the month-	N
O Yes	What is the rent, and what period of time does it cover?	N
O No, built on a concrete slab		
O No, built in another way (include mobile homes	\$ move	N
and trailers)		.N
	(Nearest dollar) (Week, balf-month, year, etc.)	N

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

1	H13. Answer question H13 if you pay rent for your living quarters.	H19. Do you get water from-	
[In addition to the rent entered in H12, do you also pay for—	A public system (city water department, etc.)	
		or private company?	
	a, Electricity?	O An individual well?	
1	O Yes, average monthly cost is00 O No, included in rent Average monthly cost	O Some other source (a spring, creek, river, cistern, etc.)?	-
	O No, electricity not used		
		H20. Is this building connected to a public sewer?	
	b. Gas?	O Yes, connected to public sewer	
1	O Yes, average monthly cost is00 O No, included in rent Average monthly cost	No, connected to septic tank or cesspoof No, use other means	
- 1	O No, gas not used	S The and stitute industry	
1	c. Water?	H21. How many bathrooms do you have?	71
1	O Yes, yearly cost is \$.00	A complete bathroom is a room with flush toilet, bathsub or shower,	11
i	O No, included in rent or no charge Yearly cost	and wash basin with piped water.	11
	d Oil and business and de 2	A half bathroom has at least a flush toilet or bathtub or shower,	11
1	d. Oil, coal, kerosene, wood, etc.?	but does not have all the facilities for a complete bathroom. No bathroom, or only a half bathroom	
ł	O Yes, yearly cost is	The backhoom, or only a half Satisfoom	
J	O No, these fuels not used	○ 1 complete bathroom	15
į	H14. How are your living quarters heated?	1 complete bathroom, plus half bath(s)	percent
1	Fill one circle for the kind of heat you use most.	O 2 complete bathrooms	1 1
ì	O Steam or hot water system	O 2 complete bathrooms, plus half bath(s)	
	O Central warm air furnace with ducts to the individual		
1	rooms, or central heat pump	O 3 or more complete bathrooms	
ł	O Built-in electric units (permanently installed in wall, ceiling, or baseboard)		
ŀ)	H22. Do you have air-conditioning?]
15 and 5	O Floor, wall, or pipeless furnace	O Yes, 1 individual room unit	
percent 1	O Room heaters with flue or vent, burning gas, oil, or kerosene O Room heaters without flue or vent, burning gas, oil, or	Yes, 2 or more individual room units Yes, a central air-conditioning system	
1	kerosene (not portable)	O No	11
1	Fireplaces, stoves, or portable room heaters of any kind		
ſ		H23. How many passenger automobiles are owned or regularly used	
ł	In some other way- Describe	by members of your household? Count company cars kept at home.	11
	None, unit has no heating equipment	O None	
-	H15. About when was this building originally built? Mark when the building	O 1 automobile	[]
Ī	was first constructed, not when it was remodeled, added to, or converted.	O 2 automobiles	[]
ļ	O 1969 or 1970 O 1950 to 1959	O 3 automobiles or more	J
	O 1965 to 1968 O 1940 to 1949 O 1960 to 1964 O 1939 or earlier		7
	O 1960 to 1964 O 1939 or earlier		
[H16. Which best describes this building?		
1	Include all apartments, flats, etc., even if vacant.		
ļ	O A one-family house detached from any other house O A one-family house attached to one or more houses		
ĺ	O A building for 2 families		ĺ
[O A building for 3 or 4 families		
1	O A building for 5 to 9 families		}
1	O A building for 10 to 19 families		
- 1	O A building for 20 to 49 families O A building for 50 or more families		Ì
}	O A mobile home or trailer		1
	Other— Describe		
İ	H17. Is this building—		1
	On a city or suburban lot?— Skip to H19		
	On a place of less than 10 acres?		
	On a place of 10 acres or more?		{
Ì	H18. Last year, 1969, did sales of crops, livestock, and other farm products		
J	from this place amount to-		
ł	O Less than \$50 (or None) \$2,500 to \$4,999		
	0 \$50 to \$249		ł

APPENDIX B-Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

a. Electricity? O Yes, average monthly cost is	O 4 to 6 stories O 7 to 12 stories O 13 stories or more
No, included in rent No, electricity not used	b. If 4 or more stories— Is there a passenger elevator in this building?
b. Gas? Yes, average monthly cost is No, included in rent No, gas not used * Average monthly cost	O Yes O No H25a. Which fuel is used most for cooking? (From underground pipes
c. Water? O Yes, yearly cost is No, included in rent or no charge Yearly cost Yearly cost	Gas serving the neighborhood, O Coal or coke O
d. Oil, coal, kerosene, wood, etc.? O Yes, yearly cost is O No, included in rent No, these fuels not used	b. Which fuel is used most for house heating? (From underground pipes Gas Serving the neighborhood. O Coal or coke O Bottled, tank, or LP O Wood O
H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.	Electricity O Other fuel O Fuel oil, kerosene, etc O No fuel used O
Steam or hot water system Central warm air furnace with ducts to the individual rooms, or central heat pump Built-in electric units (permanently installed in wall, ceiling, or baseboard)	c. Which fuel is used most for water heating? From underground pipes Coal or coke Coal or
Room heaters <u>with flue or vent, burning gas, oil, or kerosene</u> Room heaters <u>without flue or vent, burning gas, oil, or kerosene</u> (not portable) Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe————————————————————————————————————	H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes. No bedroom 1 bedroom 2 bedrooms 5 bedrooms or more
None, unit has no heating equipment	H27a. Do you have a clothes washing machine?
#15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted ○ 1969 or 1970 ○ 1950 to 1959 ○ 1965 to 1968 ◎ ○ 1940 to 1949 ○ 1960 to 1964 ○ 1939 or earlier	Yes, automatic or semi-automatic Yes, wringer or separate spinner No b. Do you have a clothes dryer? Yes, electrically heated
H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.	○ Yes, gas heated ○ No
 A one-family house detached from any other house A one-family house attached to one or more houses A building for 2 families 	c. Do you have a dishwasher (built-in or portable)? O Yes O No d. Do you have a home food freezer which is separate from your refrigerator?
A building for 3 or 4 families A building for 5 to 9 families A building for 1C to 19 families	O Yes O No
A building for 20 to 49 families A building for 50 or more families A mobile home or trailer	H28a. Do you have a television set? Count only sets in working order. Yes, one set Yes, two or more sets No
Other— Describe	b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?
H17. Is this building— On a city or suburban lot?— Skip 10 H24 On a place of less than 10 acres?	H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working
On a place of 10 acres or more? H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to	order or needing only a new battery for operation. Yes, one or more O No
from this place amount to—	H30. Do you (or any member of your household) own a second home or other

5 percent

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- Mark Yes and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.
 - Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark hot water even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of Also used by another household.
- H8. A house has a basement if there is enclosed space in which persons can walk upright under all or part of the building. A house on a concrete slab has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. Owned or being bought means that the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H10. A commercial establishment is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark Yes, 10 acres or more.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
 - If you pay rent by the month, write in the amount of rent and fill one circle.
 - If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H14. This question refers to the type of heating equipment and not to the fuel used.
 - A heat pump is sometimes known as a reverse cycle system.
 - A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.
 - Any heater that you plug into an electric outlet should be counted as a portable room heater—not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.
 - Detached means there is open space on all sides, or the house is joined only to a shed or garage. Attached means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.
 - A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a public system. If a well provides water for five or fewer houses or apartments, mark an individual well.
- H20. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an individual room unit for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a central system for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.
 - b. Do not count elevators used only for freight.
- H25. Gas from underground pipes is piped in from a central system such as a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the Yes circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set equipped to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

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A	pp-14
. A	pp-14
. A	pp-15
. A	pp-16

SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renteroccupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for nonresponses and inconsistencies is given for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5percent sample by designating every fourth 20-percent sample unit as a member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate percent)
OCCUPANCY CHARACTERISTICS Occupied housing units Tenure Race Spanish heritage Year moved into unit VACANCY CHARACTERISTICS Vacant for sale Vacant for rent	. 20 . 20 . 20 . 15 . 15	EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Clothes washing machine Clothes dryer Dishwasher Home food freezer	. 15 . 15 . 5 . 5
Duration of vacancy UTILIZATION CHARACTERISTIC Number of rooms Size of household (persons) Persons per room Bedrooms	. 20 S . 20 . 20 . 20	FINANCIAL CHARACTERISTICS Value Sales price asked Gross rent Rent asked Inclusion of utilities in rent Value-income ratio	20 20 20 20
PLUMBING CHARACTERISTICS Plumbing facilities	. 20 . 15	Gross rent as percentage of income	20
STRUCTURAL CHARACTERISTIC Complete kitchen facilities Access Units in structure Mobile home or trailer Year structure built Elevator in structure	. 20 . 20 . 20 . 20 . 20	Household composition	~~

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

	SIAGEI
	Male Head With Own Children Under 18
1	1-person household
2	2-person household
3	3-person household
•	•
6	6-or-more-person house- hold
7-12	Male Head Without Own Children Under 18 1-person to 6-or-more- person households
13-18	Female Head 1-person to 6-or-more- person households
	STAGE II
19 20	<i>Owner Occupied</i> Negro Not Negro
21 22	Renter Occupied Negro Not Negro

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, consistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than 2½ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

- For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
- 2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

- through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.
- For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated N/2). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to N/2. Subtract this standard error from N/2. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between N/2 and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to N/2, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of N/2 and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated	Number of housing units in area ²							
number ¹	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000	
50	15	15	15	15	15	15	15	
100	20	20	20	20	20	20	20	
250	30	30	30	30	30	30	30	
500	45	45	45	45	45	45	45	
1,000	60	60	65	65	65	65	65	
2,500	90	95	100	100	100	100	100	
5,000	100	130	140	140	140	140	140	
10,000		150	190	200	200	200	200	
15,000		150	230	240	240	240	240	
25,000			270	300	310	310	320	
50,000			320	400	440	440	440	
75,000	•••		270	450	520	540	540	
100,000	•••			490	600	620	630	

 $^{^{1}\,\}mathrm{For}$ estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated				Base of percenta	ge		
percentage 500	500	1,000	2,500	10,000	25,000	100,000	250,000
or 98	1.3	0.9	0.6	0.3	0,2	0.1	0.1
or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
0 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
5 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
0	4.5	3.2	2.0	1.0	0.6	0.3	0.2

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor	if sample i	rate is	a	Factor if sample rate is-		
	20 percent	15 percent	5 percent	- Characteristic ¹	20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit		1.1		Heating equipment	8.0	0.9	
Duration of vacancy	0.8		1.7	Air conditioning		1.1	
		<u> </u>	'	Automobiles available		1.0	
UTILIZATION CHARACTERISTICS		'	1	Appliances			1.9
Rooms	1.0	1.1	2.1	(1	1 1	ı
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS		. 1	i
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms			2.1	Value-income ratio	1.0	1.2	
		i 1		Gross rent	0.9	1.1	2.1
PLUMBING CHARACTERISTICS		, ,	1	Gross rent as percentage of income	1.0	1.2	•••
Complete bathrooms		1.1		Sales price asked	1.1		2.5
Plumbing facilities	1.0		[Rent asked	1.1		2.5
STRUCTURAL CHARACTERISTICS	}			HOUSEHOLD CHARACTERISTICS		, [
Units in structure	0.8	0.9	1.7	Household composition	0.6	0.7	***
Year structure built	0.9	1.0	l I	Income in 1969	1.0	1.2	2,3
]]		i	ALL OTHERS	1.0	1.2	2,2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

Housing Census Reports

Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

Series HC(1)-A. GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

Series HC(1)-B. DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

Volume IV.

COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Crosstabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Population Census Reports

Volume 1. CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

Series PC(1)-A. NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

Series PC(1)-B. GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

Series PC(1)-C. GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

Series PC(1)-D.

DETAILED CHARACTERISTICS

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume II. SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

Joint Population-Housing Reports

Series PHC(1). CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3)

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural proverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count-source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

Sixth Count-source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confi-dentiality. There are six files, each con-taining a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetro-politan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

U.S. DEPARTMENT OF COMMERCE Social and Economic Statistics Administration BUREAU OF THE CENSUS Washington, D.C. 20233

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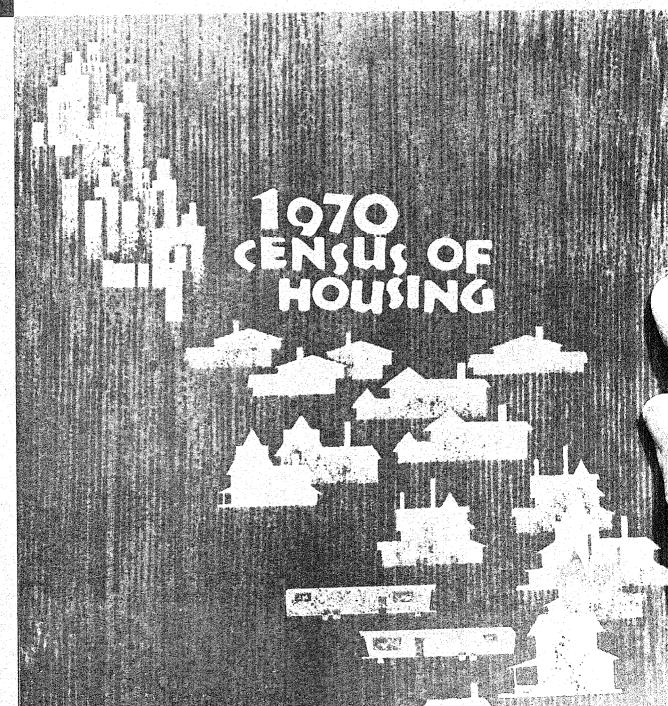
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HC(2)-70

Metropolitan Housing Characteristics

FAYETTEVILLE, N.C. STANDARD METROPOLITAN STATISTICAL AREA



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